

## **PHASE I ENVIRONMENTAL SITE ASSESSMENT**

**Macleod Metals, Inc.  
9309 Rayo Avenue  
South Gate, California 90280**

Prepared for:

**Macleod Metals, Inc.  
9309 Rayo Avenue  
South Gate, California 90280**

Prepared by:

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**Project No. E-05-97-02-295**

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## 1.0 EXECUTIVE SUMMARY

CPI Environmental Services, Inc. (*CPI*) was retained by Macleod Metals, Inc. (*Macleod*) to perform a Phase I Environmental Site Assessment (*ESA*) of Macleod facility located at 9309 Rayo Avenue in South Gate, California (*subject property*), as depicted on Figure 1 in Appendix A. The Phase I ESA was conducted in general accordance with the requirements of the American Society for Testing and Materials (*ASTM*) *Standard Practice for ESAs: The Phase I ESA Process Designation E1527-00*.

In order to identify recognized environmental conditions (*RECs*) based on readily available information and in general accordance with ASTM Practice E 1527-00, CPI performed the following:

- A records review (Section 5.0) that included:
  - Reviewing pertinent historical information (Sections 5.4 and 5.5),
  - Reviewing regulatory databases (Sections 5.1 and 5.2.1),
  - Contacting local, state, and federal environmental agencies (Section 5.2.2); and,
- An inspection of the subject property.

CPI's assessment has revealed evidence of *RECs* in connection with the subject property. The *RECs* are identified in Section 8.0.

## **2.0 INTRODUCTION**

### **2.1 Purpose**

The purpose of the Phase I ESA is to identify recognized environmental conditions (RECs) based on readily available information and in general accordance with ASTM Practice E 1527-00. Recognized environmental conditions are defined in E 1527-00 as “. . . the presence or likely presence of any hazardous substances or petroleum products on the properties under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimus* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.”

### **2.2 Detailed Scope-of-Work**

CPI was retained to conduct a Phase I ESA in accordance with ASTM Practice E 1527-00 of the subject property. The scope-of-work included a visual inspection of the subject property; interviews with people knowledgeable of the property; review of pertinent historical records; contact with the appropriate regulatory agencies; review of chemical and waste handling, storage, and disposal practices; review of surrounding land uses; review of regulatory records documentation; review of reasonably ascertainable historical sources; review of physical setting sources, photographic documentation of the subject property and adjacent properties, and preparation of a report detailing identified RECs

CPI requested that Environmental Data Resources (EDR) perform an environmental regulatory search of federal and state databases, historical reverse directories to obtain information regarding prior occupancy, and to supply fire insurance maps for the subject property. Data collected and reported by EDR were reviewed to evaluate the potential for environmental liabilities at the subject property and surrounding area based on the ASTM E 1527-00 guidelines.

### **2.3 Significant Assumptions**

In preparing this report, CPI has relied upon and presumed accurate certain information (or the absence thereof) about the subject property and adjacent properties provided by governmental officials and agencies, property representatives, and others identified herein. Except as otherwise stated in the report, CPI has not attempted to verify the accuracy or completeness of such information.

CPI has presumed that the user has communicated to CPI any specialized knowledge or experience that is material to recognized environmental conditions in connection with the subject property, as reported in Section 4.0.

Potential environmental concerns at the subject property imposed by recognized environmental conditions at surrounding properties were assessed primarily by the assumption that an east to southeasterly groundwater flow direction exists. No data were reviewed to substantiate this assumption, which is based primarily on professional judgment upon consideration of topographic gradient and proximity to surface water.

The User provided to CPI a map outlining the subject property boundaries prior to commencement of Phase I ESA activities.

### **2.4 Limitations and Exceptions**

Data presented and opinions expressed in this report are qualified as follows:

- The sole purpose of the investigation and of this report is to assess the physical characteristics of the subject property with respect to the presence or absence of hazardous materials and substances in the environment as defined in the applicable state and federal environmental laws and regulations and to gather information regarding current and past environmental conditions at the subject property.
- CPI derived the data in this report primarily from visual inspections, examination of records in the public domain, and interviews with individuals with information about the subject property. Certain information requested, as identified in this report, was not available at the time the report was issued.

Such information will be reviewed upon receipt and a report addendum will be issued to those identified as relying on the report should additional RECs be then identified.

- Current uses of surrounding properties were determined primarily through visual observations conducted without entering the property.
- No regulatory environmental records exist prior to 1970 and limited environmental records exist prior to 1985.
- Regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, high voltage power lines, lead-based paint, lead in drinking water, wetlands, asbestos-containing materials and radon issues have not been addressed in this report, as they are considered non-scope considerations in ASTM Practice E1527-00.
- Exceptions to and deletions from ASTM Practice E1527-00 and additional services provided beyond ASTM Practice E1527-00 scope considerations are described in Section 9.0 and 10.0 of this report.

## **2.5 Special Terms and Conditions**

The conclusions expressed herein may be used by those identified in Section 2.5 for a period of six-months from the date of initial submittal to user.

## **2.6 Reliance**

This report has been prepared for the exclusive use of Macleod and its authorized representatives (User), and the User may solely rely upon the conclusions presented herein.

### **3.0 SUBJECT PROPERTY DESCRIPTION**

#### **3.1 Location**

The subject property is located at 9309 Rayo Avenue in South Gate, Los Angeles County, California. According to United States Geological Survey, South Gate 7.5 Quadrangle Map, the subject property is located within South Gate Corporate boundary, Township 2 South, Range 12 West. Coordinates of the subject property are 33.94788 North Latitude and 118.178400 West Longitude. A subject property location map is included on Figure 1 in Appendix A.

#### **3.2 Subject Property and Vicinity Characteristics**

The subject property is located in an industrial area within the City of South Gate. It is bounded to the north by Branyon Avenue followed by a ready-mix cement plant; to the east by railroad tracks followed by Reliable Steel (former Jervis Webb facility); to the south by Rayo Avenue and a power line right-of-way that is currently used by the Esequiel Nursery; and to the west and southwest by Atlantic Avenue followed by Kustom Fit, Esequiel Nursery, Voorhees Casting, Inc., and Cooper Drum Co.

The subject property is approximately 7.8 acres and is entirely paved with the exception of small landscaped areas in the employee parking lot and the front entrance gate. An active rail spur enters the subject property from the east and extends to the west, thereby bisecting the property. A 12-foot high fence consisting of a 6-foot high stucco wall topped with heavy PVC sheet surrounds the subject property. The entrance to the property is from the southern property boundary along Rayo Avenue. The gate is equipped with radiation detector and a truck scale lies beneath the pavement at the gate.

Schematic depiction of subject property features and surrounding properties is shown on Figures 2 and 3 included in Appendix A. A photographic log included in Appendix B shows characteristics of the subject property and surrounding area as they appeared during CPI's inspection on March 19 and 20, 2002.

#### **3.3 Description of Structures, Roads, and Other Property Improvements**

The south half of the subject property was a vacant lot at the time of purchase in 1981. Blackburn Truck Line occupied the north half of the subject property at the time. Macleod acquired the north portion of the

subject property in 1984. Currently, structures on the subject property consist of four prefabricated steel framed buildings and two trailers. Buildings 1, 2, and 3 were constructed in 1981. Building 4 was constructed in the early 1970s. In 1989, the two portable trailers were brought to the subject property (see Figure 2).

A number of engineered concrete berms and collection sumps for collection and diversion of storm water and surface water runoff in and around processing areas are present throughout the facility. Surface water runoff from the processing areas is re-circulated back into the aboveground storage tanks (ASTs) staged in each area. Surface water/storm water runoff from areas outside the bermed areas are captured through three sumps and discharged under a surface water discharge permit to Los Angeles River (see Appendix G). The discharge point is located on the southeast corner of the subject property (see Figure 2).

Municipalities provide electricity, natural gas, telephone, water, and sanitary sewer services to the subject property. Utilities enter the subject property via overhead or underground lines. Water and sanitary sewer services are provided by the City of South Gate. Southern California Edison and Gas provide electricity and natural gas services.

### **3.4 Current Uses of the Property**

The subject property is owned by Metal Management Realty and operated by the Macleod Metals, Inc., also known as The Macleod Group. The Macleod Group consists of Firma Plastics Inc., Trojan Trading Co., Inc., and California Metals Recycling, Inc. The subject property is utilized as a recycling and scrap metal processing facility where aluminum, copper, lead, steel, tin, glass and plastic bottles are recycled. Activities performed at the subject property in conjunction with this utilization include handling, storing, processing, and shipping ferrous and nonferrous scrap metal and wire-coatings as well as glass and plastic bottles. Scrap metal materials handled at the subject property mainly include wires, cables, cans, and other miscellaneous ferrous and nonferrous materials (e.g., zippers and aluminum siding). Macleod also accepts computer parts (i.e., terminals and keyboards); however, these items are not processed at the subject property. Computer parts are temporarily staged onsite and ultimately shipped offsite to different vendors. The wire, cable, wire-coating, and can recycling include separating, chopping, grinding, stripping, shredding, and de-tinning processes. Scrap material is transported on and off the subject property via truck or rail. Final products are transported in special containers off the subject property via



truck. Cardboard boxes specially designed for overseas shipment and 55-gallon steel drums are used for shipping recycled materials.

### **3.5 Current Uses of Adjoining Properties**

The subject property is located in a heavy industrial area. Surrounding properties include Active Service Station Maintenance and United Ready Mix Concrete plant to the north across the Branyon Avenue; Reliable Steel on the east across the railroad tracks; Rayo Avenue and the Electric and Power Company right-of-way to the south. Currently, the Esequiel Nursery is using the area beneath the electric power lines to store plants. Kustom Fit, a manufacturer of vehicle seats, Esequiel Nursery, Voorhees Casting, Inc., and Cooper Drum Company are located to the west and southwest of the subject property.

## **4.0 USER PROVIDED INFORMATION**

### **4.1 Title Records**

According to Mr. Lambert, Plant Manager, Ain Macleod purchased the property south of railroad spur from System Disposal Company in 1981. The south parcel was vacant at the time. The north parcel was purchased from Blackburn Truck Lines in 1987. In 1997, Metal Management Realty purchased the subject property. User provided no title records for CPI's review.

### **4.2 Environmental Liens**

The User has no knowledge of environmental liens existing at the subject property.

### **4.3 Specialized Knowledge**

User has made no specialized knowledge known to CPI.

### **4.4 Valuation Reduction for Environmental Issues**

User has no knowledge of environmental issues signifying valuation reduction.

### **4.5 Owner, Property Manager and Occupant Information**

Metal Management Realty owns the subject property and The Macleod Group (Macleod Metals, Inc., Firma Plastics Inc., Trojan Trading Co., Inc., and California Metals Recycling, Inc.) is the current occupant.

### **4.6 Reason for Performing the Phase I**

CPI has performed this Phase I ESA for the exclusive use of Macleod and its authorized representatives, who has requested a Phase I ESA be completed as part of property transaction.

### **4.7 Other**

No additional user-provided information has been supplied to CPI.

## 5.0 RECORDS REVIEW

### 5.1 Standard and Supplemental Environmental Record Sources

CPI reviewed the following standard environmental record sources as obtained from EDR for properties located within the ASTM E 1527-00 search distance from the subject property:

#### Federal ASTM Standard

• National Priority List (NPL) Sites	1.0 mile
• Proposed NPL	1.0 mile
• Federal CERCLIS list	0.5 miles
• CERC-NFRAP	0.25 miles
• RCRA CORRACTS facilities list	1.0 mile
• RCRA generators list (TSD)	0.5 miles
• RCRA generators list (LQG, SQG)	0.25 miles
• ERNS list	Property only

#### State ASTM Standard

• AWP	1.0 mile
• Cal-Sites	1.0 mile
• CHMIRS	1.0 mile
• Cortese	1.0 mile
• Notify 65	1.0 mile
• Toxic Pits	1.0 mile
• State landfill	0.5 miles
• WMUDS/SWAT	0.5 miles
• LUST	0.5 miles
• CA Bond Exp. Plan	1.0 miles
• UST	0.25 miles
• CA FID UST	0.25 miles
• HIST UST	0.25 miles

#### Federal ASTM Supplemental

• CONSENT	1.0 mile
• ROD	1.0 mile
• FINDS	Property only
• Delisted NPL	1.0 mile
• HMIRS	Property only
• MLTS	Property only
• MINES	0.25 miles
• NPL Liens	Property only
• PADS	Property only
• RAATS	Property only
• TRIS	Property only
• TSCA	Property only
• FTTS	1.0 miles

**State or Local ASTM Supplemental**

• AST	Property only
• CLEANERS	0.25 miles
• CA WDS	Property only
• DEED	Property only
• CA SLIC	0.5 miles
• HAZNET	0.25 miles
• Los Angeles Co. HMS	Property only
• LA Co. Site Mitigation	Property only
• AOCONCERN	1.0 mile

A description of these databases appears in the EDR report provided in Appendix C1.

No mapped sites were found in EDR's search of available government records on the target property or within the ASTM E 1527-00 search radius for the following federal and state ASTM standard databases:

- **RCRIS-TSD** (RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act.)
- **Toxic Pits** (Discharges of liquid hazardous waste or hazardous waste containing free liquids into lined or unlined ponds, pits, and lagoons.)
- **WMUDS/SWAT** (Waste Management Unit Database. All regulated waste discharge facilities.)
- **BEP** (Bond Expenditure Plan. Department of Health Services developed a site-specific expenditure plan for an appropriation of Hazardous Substances Cleanup Bond Act funds as of January 1985.)
- **FID UST** (USTs from the Facility Inventory Database. The FID integrates facility information from many different regulatory sources by matching the facilities based on their location. The data is current through 6/30/94.)

The following subsections summarize agency database records identified for the subject property and surrounding area.

***5.1.1 Subject Property***

The subject property was identified in CERCLIS-NFRAP, LUST CORTESE, Los Angeles County HMS, HAZNET, HIST UST databases.

CERCLIS-NFRAP contains listings of sites that were investigated by the USEPA as potentially hazardous waste sites but were designated "No Further Remedial Action Planned" (NFRAP) based on investigation findings. Typically, sites designated NFRAP are those where no contamination was found, contamination was removed quickly, or the contamination was not serious enough to warrant federal Superfund action or National Priority List consideration. According to the records, USEPA conducted a preliminary assessment and site inspection of the subject property in 1995. Since the site was moved to

the NFRAP listing, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to warrant federal Superfund action of National Priority List consideration. No additional information is provided in the record.

LUST CORTESE is a Hazardous Waste & Substances Sites List compiled by the State Water Resources Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (CALSITES). Based on information obtained from Plant Manager and County of Los Angeles Department of Public Works, two 6,000-gallon diesel underground storage tanks were abandoned in-place due to their proximity to the foundation of a building (Building 2) in 1990. Location of the tanks (UST Numbers 1 and 2) is shown in Figure 2, in Appendix A. Hekimian & Associates, Inc. completed a site assessment and submitted a closure report to County of Los Angeles Department of Public Works on May 20, 1991. County of Los Angeles Department of Public Works in a letter dated April 12, 1993 approved the closure report and indicated that no further action is required. A copy of the aforementioned documents is included in Appendix G.

EDR identified the subject property on the Los Angeles County HMS and HIST UST databases. Los Angeles County HMS is a Street Number List of Industrial Waste and Underground Storage Tank Sites. The subject property is identified in this list as an underground storage tank facility ("T" for tank). HIST UST is a Hazardous Substance Storage Container Database. In 1991, the State Water Resources Control Board stopped offering the UST databases on electronic format. This database is no longer updated by the state. USTs are now handled by the local agencies. According to the information included in this database, two 6000-gallon USTs (UST No.1 and UST No. 2) were installed at the subject property in 1981. As indicated in the previous section these tanks were abandoned in-place in 1990.

Currently, the subject property operates one double-walled steel, 6,000-gallon diesel underground storage tank (UST No. 4) located east of Building 2 (see Figure 2). This UST is equipped with an electronic leak detection system.

EDR identified the subject property on the HAZNET. The HAZNET database contains Facility & Manifest Data extracted from the copies of hazardous waste manifests received each year by the Department of Toxic Substances Control. According to the database, the subject property has generated

approximately 66 tons of waste oil and mixed oil. The generated waste was transported off site for recycling.

Currently, the generated waste is stored in a 250-gallon aboveground storage tank with secondary containment and two 55-gallon drums. Leach Oil Company, Inc. in Compton, California empties out the waste oil AST and the drums every 60 days.

### ***5.1.2 Surrounding Area***

The following table includes the name and location of facilities located within a one-eighth mile of the subject property that have been identified in multiple databases as indicated in the EDR report:

Facility Name and Address	Database Listing	Status, direction relative to subject property
Purex Corporation 9300 Rayo Street	CHMIRS, HAZNET, RCRIS-SQG, FINDS, Los Angeles County HMS, TSCA	Replaced by Placer Int. NE, downgradient
Dial Corp/former Dial 9300 Rayo Avenue	Notify 65, CHMIRS, CA SLIC	Replaced by Placer Int. NE, downgradient
Jarvis B. Webb Co. 9301 Rayo Avenue	CERCLIS, RCRIS-SQG, FINDS, HAZNET	Replaced by Reliable Steel NE, downgradient
ELG Metals West Coast Inc. 9400 Rayo Avenue	HAZNET, LUST CORTESE Remedial action completed or deemed unnecessary, closure date: 6/17/1998	Active SW, upgradient
Purex Rubbish Disposal 9400 Rayo Avenue	SWF/LF	Replaced by ELG Metals SW, upgradient
Former Dial Corp -- So. Parking Lot 9400 Rayo Avenue	CA SLIC	Replaced by ELG Metals SW, upgradient
WR Grace Co. Const. 9430 Rayo Avenue	RCRIS-SQG, FINDS No violations reported	Active SW, upgradient

The surface topography in the vicinity of the subject property is fairly flat with small gradient to southeast toward the Los Angeles River. Of the seven facilities mentioned in the above table only two are currently present in the vicinity of the subject property. ELG Metals West Coast Inc. and WR Grace Company Construction Production Division are located across the Rayo Avenue. Therefore, these facilities do not appear to present environmental concern to the subject property due to location.

A total of twenty-nine facilities identified in one or multiple databases are located within one one-quarter mile of the subject property. Of this total, there is one NPL site, one CERCLIS low priority site, four

LUST sites, eight small quantity generator sites, two large quantity generator sites, and seven UST sites. The following nine facilities are located upgradient or cross-gradient of the subject property:

Facility Name and Address	Database Listing	Location relative to subject property and map designation
Cooper Drum Company 9316 Atlantic Ave.	NPL (impacted groundwater), CERCLIS, FINDS, RCRIS-LQG, UST, HIST UST, CORTESE, Los Angeles County HMS, Cal-Sites, HAZNET	West, cross-gradient Map Designation: D22
Carter Casting Co. Inc. (Voorhees Casting) 9220 Atlantic Ave.	RCRIS-SQG (No violations), FINDS, HAZNET	West, upgradient Map Designation: G29
Kustom Fit 8990 Atlantic Ave.	CERCLIS (low priority, State-Lead Cleanup), Los Angeles Co. HMS	West-Northwest Map Designation: 53
United Ready Mixed Concrete 4988 Firestone Boulevard	HAZNET, Los Angeles Co. HMS, UST, HIST UST	North-Northwest, upgradient Map Designation: M47&48
Macleod Metals 8980 Kendall Ave.	LUST (remedial action completed 12/10/1991), CORTESE, Los Angeles Co. HMS	Northwest, upgradient Map Designation: F28
Blackburns Truck Lines 4998 Branyon Ave.	RCRIS-SQG (No violations), FINDS, HIST UST	Northwest, upgradient Map Designation: F27
Spann S. Gear and Machine Co. 4977 Branyon Ave.	RCRIS-SQG, FINDS No violations reported	Northwest, upgradient Map Designation: F36
APS Manufacturing 8977 Lotta Ave.	HAZNET	Northwest, upgradient Map Designation: L45
Industrial Velco 8976 Lotta Ave.	HAZNET	Northwest, upgradient Map Designation: L46

Cooper Drum Company was included in the National Priority List (NPL) on June 14, 2001. Based on information included in the EDR database, groundwater has been impacted with chlorinated solvents at this facility. In 1994, under CERCLA a Preliminary Site Assessment was completed at Kustom Fit facility. According to EDR database, Kustom Fit is a low priority CERCLIS site. Therefore, Cooper Drum Company and Kustom Fit could potentially pose an environmental concern to the subject property.

EDR identified orphan sites appearing in SWF/LF, HAZNET, CERC-NFRAP, LUST, and Cal-Sites. Orphan sites are un-mappable sites typically due to inadequate or incorrect address information. CPI reviewed general location information provided for orphan sites and believes these sites likely are not located in the vicinity of the subject property and therefore do not present significant environmental conditions to the subject property.

## 5.2 Local and State Agency Record Review

CPI submitted requests to review local and state environmental agencies' public records pertaining to the subject property. Requests were submitted in writing to the following:

- California Environmental Protection Agency  
Department of Toxic Substances  
1011 N. Grandview Avenue  
Glendale, CA 91201
- State Water Resources Control Board  
Regional Water Quality Control Boards  
1001 I Street  
Sacramento, CA 9514
- Office of the Secretary for Environmental Protection  
1001 I Street  
Sacramento, CA 9514
- Los Angeles County Fire Department  
Public Records Office  
5815 Rickenbacker Road  
Commerce, CA 90040
- Office of Environmental Health Hazard Assessment  
1001 I Street  
Sacramento, CA 95814
- Air Resources Board  
Public Information Office  
1001 I Street  
Sacramento, CA 9514
- County of Los Angeles  
Department of Health Services  
313 N. Figueroa Street  
Los Angeles, CA 90012

Submitted letters and information obtained from these requests are included in Appendix C2.

### California Environmental Protection Agency, Department of Toxic Substances

Department of Toxic Substances letter dated March 22, 2002 indicates that no records exist pertaining to the subject property.



State Water Resources Control Board

No records relevant to the subject property were discovered at the State Water Resources Control Board. This information was transmitted via a Telephone message on March 20, 2002.

Office of the Secretary for Environmental Protection

In a letter dated March 26, 2002, it was indicated that no records relevant to the subject property were discovered at the Office of the Secretary for Environmental Protection.

Los Angeles County Fire Department

During a telephone interview, Los Angeles County Fire Department representative indicated that they could provide CPI with incident reports issued in the past two years for the subject property. CPI received three public incident reports from the Los Angeles County Fire Department on April 5, 2002. Two of the reports are associated with the fires that were originated in the shredder area and one is related to a HAZMAT response. A review of incident reports indicates that the HAZMAT incident report is not associated with the subject property. According to Mr. Lambert, Plant Manager, the subject property has had only two building fires and no HAZMAT response. A copy of incident reports is included in Appendix C2.

Office of Environmental Health Hazard Assessment

In a letter dated March 27, 2002, Office of Environmental Health Hazard Assessment indicated that CPI's request has been forwarded to the Integrated Risk Assessment Section for research and response (see Appendix C2).

Air Resources Board, Public Information Office

At the time of report submittal, no records had been received from the Air Resources Board.

County of Los Angeles, Department of Health Services

At the time of report submittal, no records had been received from the County of Los Angeles, Department of Health Services.

### 5.3 Previous Assessments

A number of assessments had been conducted by others at the subject property; however, only the following documents were available for review:

- Closure documents for in-place abandonment of two 6,000-gallon diesel fuel USTs. These documents included UST closure request letter dated March 31, 1993, prepared by Hekinian & Associates, Inc. in Huntington Beach, California and UST closure letter dated April 12, 1993, prepared by County of Los Angeles, Department of Public Works, in Los Angeles, California. No further action was required in conjunction with these USTs.
- UST closure letter pertaining to removal of one 10,000-gallon diesel fuel UST, dated September 9, 1987, prepared by County of Los Angeles Department of Public Works, Los Angeles, California. No further action was required in conjunction with this UST.
- Correspondence letters dated October 31, 1994 and March 13, 1995, prepared by Bechtel in San Francisco, California. Correspondences pertaining to Sit Screening Inspection completed under CERCLA. No further remedial action was planned for the subject property.
- Phase I Environmental Audit dated January 9, 1997, prepared by Environ Corporation in Emeryville, California (see Appendix G).
- Polarized Light Microscopy Summary Report dated May 13, 1997, prepared by CTL Environmental Services in Carson, California. Laboratory results for the suspect asbestos containing material identified during Phase I Environmental Audit completed by Environ Corporation in 1997 (see Section 5.5.5).

A copy of the aforementioned documents is included in Appendix G.

### 5.4 Physical Setting

Physical setting information was obtained from the following sources:

- Seismic Hazard Evaluation of the South Gate 7.5-Minute Quadrangle, Los Angeles, California (1998), Department of Conservation, Division of Mines and Geology, Open File Report 98-25;
- EDR Geocheck® Report (2002) included in Appendix D2; and
- 1:24,000 scale topographic map of South Gate, California (1981) included as Figure 1 in Appendix A

#### ***5.4.1 Topography and Physical Features***

A review of the United States Geological Survey (USGS) South Gate, California topographic map prepared in 1964 and photo revised in 1981 indicates that the subject property has an approximate elevation of 105 feet above mean sea level. The topography in the vicinity of the subject property is generally flat with less than a one-percent slope to the south-southeast toward Los Angeles River. The Los Angeles River is located approximately 0.25 miles east of the subject property (see Figure 1).

#### ***5.4.2 Geology***

The geologic map of the South Gate Quadrangle shows that the entire quadrangle is covered by alluvial sediments of Quaternary age (Division of Mines and Geology, Open File Report 98-25). These deposits consist of older alluvial fan sediments of Pleistocene age and the younger alluvial fan sediments of Holocene and late Pleistocene age. The subject property and the surrounding areas are covered by the younger alluvial sediments of Holocene age. In general, these subsurface deposits consist of loose to medium dense very coarse-to very fine-grained sand, gravel, and silt that appear to inter-finger and grade laterally into each other (Division of Mines and Geology, Open File Report 98-25).

#### ***5.4.3 Groundwater***

According to the Seismic Hazard Evaluation Report (1998), depth to the shallowest water encountered in the vicinity of the subject property is eight feet below ground surface. Based on Phase I Environmental Audit prepared by Environ, depth to groundwater is 65 to 90 feet below ground surface at the subject property. Based on the area's topographic gradient and proximity to surface water (i.e., Los Angeles River), the inferred groundwater flow direction is east to southeast. No specific groundwater flow data was readily accessible to verify the groundwater flow direction.

Review of EDR's Geocheck Report (Appendix D), indicates that there are thirteen water wells within one-quarter mile to one-half mile of the subject property. City of South Gate Water Department operates eleven of the thirteen wells and the remaining two wells belong to Tract 349 Mutual Water Department and Huntington Park Water Department. These water wells are located west-northwest of the subject property. Well locations and the groundwater quality data are included in the EDR's Geocheck Report in Appendix D.

#### **5.4.4 Hydrology**

Los Angeles River and Rio Hondo River are the two surface water bodies in the vicinity of the subject property. Los Angeles River is approximately 0.25 miles and Rio Hondo River is approximately 0.9 miles east of the subject property. The natural course of these two rivers have been significantly modified due construction of concrete walls around the banks and the base of the river.

Rainwater and process water in metal processing areas are collected through a series of sumps and grated trenches and pumped into the aboveground storage tanks staged in each area. Collected water is re-circulated and used as process water. The subject property also has three catch basins that are designed to collect storm water from the vicinity of Building 1 and the employee parking area. Storm water from these areas is discharged into the Los Angeles River. Storm water discharge point is located on the southeast corner of the subject property. The subject property has a storm water discharge permit and a sample of effluent from the discharge point is collected and analyzed for each storm event. An annual report is prepared and submitted to the Regional Water Quality Control Board in Los Angeles, California by July 1 of each year. A copy of the annual report prepared for the reporting period July 1, 2000 through June 30, 2001 is included in Appendix G.

Based on information included in previous environmental assessments (Environ 1997), the subject property is located within a 500-year floodplain.

#### **5.5 Historical Use Information**

Historical sources were consulted to develop a history of the previous uses of the subject property and surrounding area. Historical sources were also reviewed to aid in identifying the likelihood of past uses that may have led to RECs in connection with the subject property. Useful and reasonably ascertainable standard historical sources consulted included Sanborn Fire Insurance Maps, aerial photographs, city directories, historical topographic maps, and historical assessments records. A summary of each of the sources consulted is provided in the following subsections.

##### **5.5.1 Sanborn Fire Insurance Maps**

CPI reviewed available Sanborn fire insurance maps provided by EDR that depict the subject property in the years 1950 and 1966. The subject property is shown as a vacant lot on both maps. The railroad spur

bisecting the subject property was extended sometime between 1950 and 1966 because it is not shown on the 1950 map. A copy of the Sanborn fire insurance maps is included in Appendix D1.

Based on the 1950 and 1966 Sanborn maps, the properties surrounding the subject property were utilized for industrial purposes. The surrounding properties were developed the area was developed rapidly with the addition of new industrial complexes. On the 1950 map, the subject property was bounded on the east by the Union Pacific railroad followed by a vacant lot; on the south by Rayo Avenue followed by Pacific Coast Iron Pipe and Fitting Company; on the southwest by Power Company right-of-way; on the west by Shellmar Products Corporation; and on the north by Branyon Avenue followed by an auto repair/transportation company and a gravel hopper. On the 1966 map, a metal fabricating and conveyor manufacturing company occupied the vacant lot east of Union Pacific railroad; however, Pacific Coast Iron Pipe and Fitting Company is not shown. According to these maps, Shellmar Products Corporation, a cellophane package manufacturer, operated three aboveground solvent tanks and Purex Corporation, a manufacturer of soaps and bleaches, was located across the Rayo Avenue southeast of the subject property.

#### ***5.5.2 Aerial Photographs***

CPI reviewed aerial photographs provided by EDR for the following years: 1928, 1947, 1952, 1968, 1976, 1989, and 1994. Macleod also provided CPI with an aerial photograph taken in 1995. A copy of the aerial photographs is included in Appendix D2.

The 1928, 1947, and 1952 aerial photographs show the subject property as an empty lot. The 1947 photograph indicates that the subject property may have been used for agricultural purposes at that time. The 1952 map shows a railroad spur bisecting the subject property. Based on information presented in the Sanborn fire insurance maps, this railroad spur was constructed between 1950 and 1952.

The properties surrounding the subject property are utilized for agricultural and residential purposes in 1928 and later on developed and occupied by industrial complexes as shown on the 1947 and 1952 aerial photographs.

The 1968 and 1976 photographs show Building 4 on the north side of the railroad spur and undeveloped land on the southern half of the subject property. The surrounding property development included, but was not limited to, addition of Jervis Webb facility east of Union Pacific Railroad, Purex Company

expansion, and demolition of Pacific Coast Iron and Fitting Company as indicated in 1968 and 1976 aerial photographs.

The 1989, 1994, and 1995 aerial photographs show that the subject property has been fully developed. The subject property's features resemble its current configuration.

### ***5.5.3 City Directories***

A City Directory Abstract report was obtained from EDR. In the EDR report, business directories including city, cross-reference and telephone directories were reviewed at approximately five-year intervals for the years spanning 1920 through 2000. Between 1920 and 1986, the subject property is not listed in the reviewed directories. In 1986, Firma Inc. is listed as the occupant. Between 1990 and 2000, Firma Inc., Macleod Metals Company, California Metals Recycling are listed as the occupants. A copy of EDR-City Directory Abstract is provided in Appendix D3.

Based on the EDR report, Purex Corporation occupied the property to the southeast across Rayo Avenue from 1950 to 1990. In 1990, Dial Corporation replaced Purex Corporation. Between 1995 and 2000 the Dial Corporation building was razed. ELG Metals West Coast Inc. is only listed in the 2000 directory. In the 1951, 1956, and 1957 directories, Cast Iron Pipe & Fitting Company is listed as the occupant of the property currently occupied by ELG Metals West Coast Inc. Reliable Steel is listed in the 2000 directory as the occupant of the property east of the railroad tracks.

### ***5.5.4 Historical Topographic Maps***

The 1902, 1936, 1949, 1952, 1964, 1972, and 1981 USGS 1:24,000 7.5-minute South Gate, California quadrangle maps obtained from EDR included coverage of the surrounding area. According to the 1902 map, the subject property and surrounding areas were part of the Los Angeles River watershed. The 1902 map shows no structures other than the railroad tracks to the east of the subject property.

The 1936 map shows a levee built on the west bank of the Los Angeles River, thereby modifying its natural course. City of South Gate has developed and a number of roads and structures have been added. No structures have been shown at the subject property. Rio Grande Oil Refinery is shown across Firestone Boulevard to the northeast of the subject property.

The 1949 and 1952 maps show that the levee and the engineered channel around the Los Angeles River have been extended further south beyond the City of South Gate Corporate boundary. City of South Gate

Municipal Park and a building are shown to the southwest and northwest of the subject property, respectively. No Structures are shown at the subject property. Firestone Boulevard, Atlantic Avenue, and Imperial Highway configurations have been improved to resemble current configurations. Between 1952 and 1964, Long Beach Freeway was constructed and the building on the northwest of the subject property was expanded as it has been shown on the 1964 map. The railroad spur bisecting the subject property is shown on the 1964 map for the first time. Surrounding properties have been improved with additional structures since 1952. On 1964, 1972, and 1981 maps, fewer changes have been shown. Between 1972 and 1981, two structures were added to the subject property.

#### *5.5.5 Previous Assessments*

According to Mr. Bill Lambert, Plant Manager, Macleod purchased the south parcel in 1981 and purchased the north parcel in 1987. The south parcel, purchased from System Disposal Company, was vacant at the time. The north parcel was purchased from Blackburn Truck Lines, which operated an automotive maintenance shop. In addition, Blackburn Truck Lines owned and operated one 10,000-gallon diesel UST and one waste oil UST; both tanks were reportedly removed in 1987 as part of an escrow agreement. According to the Phase I Environmental Audit prepared by Environ in 1997, Hekimian & Associates, Inc. completed a subsurface investigation and prepared a Site Assessment report in August 1987. The County of Los Angeles Department of Public Works approved the UST closure report for the 10,000-gallon UST in a letter dated September 9, 1987 indicating that no further action was required (see Appendix G). A copy of closure report for the waste oil UST was not available for CPI's review; however, according to Mr. Lambert, Plant Manager, the investigation results did not prompt Blackburn Truck Lines to conduct corrective actions.

In 1991, two 6,000-gallon diesel USTs were abandoned in-place in the Building 2 area. Hekimian & Associates, Inc. completed a subsurface investigation and prepared a tank closure report in 1991. The County of Los Angeles Department of Public Works approved the UST closure report indicating in a letter dated April 12, 1993 that no further action was required (see Appendix G).

Macleod obtained a permit to operate one 6,000-gallon diesel UST and a dispenser in 1990. A Copy of the permit is included in Appendix H. This UST was installed in 1990 on the east side of Building 2.

In 1995, a post-consumer can processing unit was added to the subject property's operations. Based on file information, Macleod is currently in the process of securing an air permit for this unit. A copy of the Permit Application is included in Appendix H.

According to Phase I Environmental Audit completed by Environ in 1997, a Phase I Environmental Assessment (Phase I EA) was prepared for the subject property by Phase One, Inc. in 1996 and suspected asbestos containing material was identified. The 1996 Phase I EA report was not available for CPI's review; however, the Polarized Light Microscopy (PLM) Summary Report prepared by CTL Environmental Services in 1997 was available. Based on the CTL's report, one sample from the ceiling of the employees locker room in building 4 (sample #1A) and one from the steam line insulation in the de-tinning area (sample #2) were collected. The results indicated presence of asbestos fibers in sample #1A (4% chrysotile). No asbestos fibers were detected in sample #2. A copy of CTL report is included in Appendix G.

#### *5.5.6 Property Transfer Records*

No property transfer records were available for CPI's review. According to Mr. Lambert, Plant Manager, Ain Macleod purchased the property south of railroad spur from System Disposal Company in 1981. The south parcel was vacant at the time. The north parcel was purchased from Blackburn Truck Lines, an automotive maintenance shop operator, in 1987. In 1997, Metal Management Realty purchased the subject property. Macleod has historically used the subject property as a metal recycling facility.



## **6.0 SITE RECONNAISSANCE**

### **6.1 Methodology and Limiting Conditions**

CPI personnel conducted a visual inspection of the subject property and surrounding area on March 19 and 20, 2002. Mr. Bill Lambert, Plant Manager, accompanied Nahid A. Brown of CPI during the site visit. Features of the subject property are shown on Figure 2, Appendix A. Photographic documentation was conducted during reconnaissance and is included in Appendix B.

Surrounding properties were visually assessed curbside and were not entered for inspection of interior or non-visible areas. Surrounding properties are shown on Figure 3 in Appendix A.

### **6.2 Observations**

According to Mr. Lambert, the subject property has historically been used as a metal recycling facility. No new buildings have been added to the subject property since initial development and the use of the subject property has remained the same since 1981. The general description and use of structures that are currently present at the subject property are as follows:

#### Building 1 – Offices and Warehouse

Building 1 consists of a two-story office building attached to a warehouse. The office building is a steel-framed structure with brick façade near the main entrance. Floors are covered with tiles on the first floor and carpeting on the second floor. The office building is utilized by The Macleod Group personnel and contains office areas, a conference room, a computer room, storage rooms, kitchen and bathrooms, and a laboratory. The laboratory is not fully equipped and is mainly used for storage of office supplies. The laboratory equipment consisted of a pH meter and calibration solutions, a sieve analysis set, and a bottle of hydrochloric acid (750 milliliter). In addition, the laboratory has a sink and a hood; however, the hood's exhaust pipe is not connected. According to Mr. Lambert, Plant Manager, the laboratory has never been used.

The warehouse is a steel-framed structure with corrugated steel sheeting for walls and concrete flooring. The warehouse is used for storage of processed metal and receiving area for small items (e.g., cans and

bottles). A metal grinder used to sharpen the shear blades is located in this warehouse. The ramp on the northwest corner of the warehouse leads to the shipping dock.

#### Building 2 – Copper Wire Processing Area

Building 2 is a steel-framed structure with concrete floor. Firma Plastics Inc. utilizes this building for chopping and processing copper wires. Copper wire processing operation includes granulator, wire chopper, magnetic separator, conveyor, cyclone, baghouse, two sumps, and two ASTs for rainwater and recycled water storage. Engineered concrete berms and two sumps are used to confine generated process water in this area. Process water is directed into sumps that pump the water to the recycled water AST via aboveground piping. A maintenance shop and a welding shop are located on the north side of the building (see Figure 2). No floor drains were found in the Building 2 area.

#### Building 3 – Warehouse and De-tinning Process Area

Building 3 is a steel-framed structure with corrugated steel sheeting and concrete flooring. Building 3 area consists of a storage area, an equipment repair shop, and de-tinning operation (see Figure 2). De-tinning operation includes two caustic tanks (1 and 2), two rinse water tanks (3 and 4), three rain water storage ASTs (5, 6, and 7), two caustic solution/process water ASTs (8 and 9), electrolytic cell tanks, four sumps, a catch basin for spill containment, a boiler, a feed water AST, and five 55-gallon drums containing sodium hydroxide. The caustic solution tanks contain approximately 5 to 10% sodium hydroxide (NaOH). The de-tinning operation is located on the north side of the storage building. The boiler has been out of service for the last five years and Macleod ceased all operations associated with de-tinning process in 1993. An equipment repair shop containing parts and supplies is located on the south side of the storage area. A series of engineered berms installed on the north and south of Building 3 area along with four sumps and a spill containment catch basin capture process water and surface water runoff and direct them to the rain storage and caustic solution ASTs staged south of de-tinning tanks.

#### Building 4 – Wire-insulation Processing and Metal Separation Area

Building 4 is used for wire-coating or plastic insulation recycling operation and metal separation operation. Wire-coating recycling operation includes one 5000-gallon rinse water AST, a 55-gallon surfactant (ethoxylated alcohol) drum, and plastic float/sink system. Rinse water AST and surfactant drum are located outside on the northeast side of the building. The grinder is housed in a wooden shed inside the building. The grinder and metal separator system are connected to two baghouses. An

employee locker room/washroom/lunchroom is located on the east side of the building and an automotive repair shop on the west. The automobile repair shop is used to maintain onsite vehicles.

CPI observed a floor drain in the employee locker room; however, no other floor drains were observed in the processing areas and repair shop.

A 250-gallon waste oil AST with secondary containment is located on the exterior southwest corner of the building. The waste oil AST is used to temporarily store waste oil generated in the automobile repair shop. Leach Oil Company in Compton, California empties out the waste oil AST every 60 days. There is a 220-gallon hydraulic oil and a 100-gallon motor oil ASTs inside the automobile repair shop. No floor drains were present in the automobile repair shop. The concrete surfaces in the immediate vicinity of these ASTs were stained.

#### Lead Cable Processing Area

The lead cable processing (LCP) area is located on the northwest side of the subject property (see Figure 2). The LCP area is used to store incoming lead cables, processed material, and finished product prior to shipping. Lead cable processing operation includes dereeler, filter press, water treatment equipment, four cable strippers, two rainwater storage ASTs (16 and 17), two process water ASTs (14 and 15), and one baghouse. Waste from baghouse and filter press is transferred to drums and sent to a lead smelter.

The LCP area is confined within an engineered 7-foot high concrete block wall on the south, 8-inch high concrete curb on the north, 3-inch concrete berm on the east, and 6-foot concrete stucco wall topped with 6-feet of PVC sheet fence on the west. Migration of surface water runoff is controlled with a series of grated trench system in this area. Collected process and surface water are stored in the ASTs (tank numbers 14, 15, 16, and 17) and reused as process water. Process water within the LCP area is re-circulated only within this area. Location and tank capacities are shown on Figure 2 in Appendix A.

Two portable trailers are staged on the northeast corner of this area. Employees use the portable trailers to store personal protection equipment and as shower room/locker room/lunch room.

#### Post-Consumer Can Processing Area

The post-consumer can processing operation includes a rotary furnace, a cyclone, an afterburner, and a baghouse. Aluminum and steel cans are crushed and placed in a conveyor that regulates the introduction of material into the processing furnace. Once the labels are burned off, the cans come out of the furnace via a conveyor belt and are sprayed with water. CPI observed pools of standing water in the immediate vicinity of the conveyor belt. This unit was added to the subject property in 1995. Currently, Macleod is in the process of securing an air permit for this unit. A copy of Permit Application is included in Appendix H.

#### Insulated Wire Storage Area

Incoming materials are sorted and stored in a series of storage bins constructed of movable walls and concrete floor. These storage bins are located along the west property line.

#### Non-ferrous Metal Storage Area

Non-ferrous materials are sorted and stored on the north end of the yard in storage bins separated with movable walls. Non-ferrous materials are stored in piles and bales in this area. The northeast corner of the subject property is used to store miscellaneous items such as cardboard boxes, two presses, and two furnaces. The last two items are temporarily stored there for a client.

No strong, pungent, or noxious odors and no groundwater monitoring wells were noted during the property inspection. No septic tanks, pits, ponds or lagoons were found during the CPI's inspection.

The subject property is covered with 10 inches of concrete except for small landscaped areas in the front of Building 1 and the entrance gate. The concrete surfaces were fairly well maintained except around the railroad spur and can processing area where it was pitted, cracked, and filled with small pools of standing water. In addition, the concrete surfaces were stained in the immediate vicinity of the diesel pump dispenser, hydraulic oil and motor oil ASTs, and two storage drums staged in the maintenance shop.

### ***6.2.1 Storage Tanks***

#### 6.2.1.1 Underground Storage Tanks

CPI's observations included visual inspection of the property for evidence of underground storage tanks (USTs) such as vents, fill ports, or unexplained concrete/asphalt patching. One 6,000-gallon diesel fuel

UST and associated dispenser pump are located to the east of Building 2. According to Mr. Lambert, this tank is steel, double-walled UST equipped with vapor monitoring leak detection system. A copy of the permit is included in Appendix H. An open top 15-gallon steel drum containing diesel and water was behind the pump. The pump apparently was being fixed at the time of inspection. The concrete surface in the immediate vicinity of the pump was stained.

In 1990, one 1500-gallon wastewater clarifier was abandoned in-place and the influent pipes were plugged after approximately one year of operation. The former wastewater clarifier is located to the east of Building 2 adjacent to diesel fuel dispenser. No closure report was available for CPI's review.

#### 6.2.1.2 Aboveground Storage Tanks

The subject property has a total of 24 aboveground storage tanks (ASTs). The following table presents a summary of their usage, status, contents, and capacity:

TANK NUMBER	CONTENTS	CAPACITY	LOCATION	STATUS
1	Caustic solution (10% NaOH)	13,000	De-tinning area north of Building 3	Active
2		13,000		
3	Rinse water	13,000	De-tinning area north of Building 3	Active
4		13,000		
5	Rain water	82,00	De-tinning area north of Building 3	Active
6		82,00		
7	Rain water	15,000	De-tinning area north of Building 3	Active
8	Caustic solution	15,000	De-tinning area north of Building 3	Active
9	Process water	6,000		Outside insulation is rusted
10	Rain water	14,200	East of Building 2	In-active
13		4,500		
20		4,500		
21		4,500		
11	Recycled process water	9,400	Copper wire processing area west of Building 2	Active
12	Rain water	9,400		
14	Rain water	7,500	Lead cable processing northwest of Building 4	Active
15		7,500		
16	Recycled process water	7,500		
17		7,500		
18	Waste oil	250	Outside on the southwest corner of Building 4	Active

19	Rinse water	5,000	Outside on the northeast corner of Building 4	Active
22	Hydraulic oil	220	Maintenance shop	Active
23	Motor oil	100	Maintenance shop	Active
24	Liquid Propane	500	East of Building 2	Active

In general, active ASTs were in fair to good condition and no obvious integrity problems were observed unless it is noted otherwise in the table. The waste oil AST is equipped with a secondary containment. The concrete surface in the immediate vicinity of the hydraulic oil and motor oil bulk storage ASTs were stained.

#### **6.2.2 Polychlorinated Biphenyls (PCBs)**

U.S. EPA regulations prohibit the use of PCBs after 1979. PCBs commonly occur in dielectric fluids in in-use or scrap electrical transformers, capacitors, and fluorescent light ballasts. Other common occurrences of PCBs at scrap metal recycling facilities are residual PCB-containing hydraulic oil in older equipment, such as shears, balers, dock lifts, and other scrap processing and handling equipment.

The subject property was developed in 1981 and the transformers were installed in 1981 and 1985. No leakage or spillage was apparent from the transformers around the concrete platform. No scrap transformers were noted at the facility during the site visit.

Fluorescent lights were noted to be present in facility buildings. All the buildings except Building 4 were constructed after 1979. Therefore, only in Building 4 ballasts that were installed prior to 1979 may contain PCBs. No scrap ballasts were noted in scrap stockpiles during the site visit.

#### **6.2.3 Hazardous Substances and Petroleum Products**

Potentially hazardous substances and petroleum products used, stored, and handled onsite include the following:

- Caustic solution used as part of de-tinning process;
- Diesel fuel for company vehicles;
- Hydraulic oil/lubricating oil/motor oil used in the maintenance shops;

- Waste oil generated during the vehicle and equipment maintenance;
- Surfactant (ethoxylated alcohol) used as part of wire-coating recycling operation;
- Welding gas (oxygen) used in the welding shop adjacent to Building 2; and
- Acetylene used in the welding shop adjacent to Building 2.

A copy of Mcleod's Annual Hazardous Material Reporting Forms, dated December 15, 2001, was provided for CPI's review. These forms include Business Plan and Contingency Plan forms, Hazardous Materials Inventory form, Hazardous Materials Inventory Statement. Completed forms are submitted to the Los Angeles County Fire Department, Health Hazard Materials Division. A copy of the Hazardous Materials State Reporting Forms is included in Appendix G.

#### ***6.2.4 Air Emissions***

The sources of air emissions include the copper wire-chopping operation in Building 2, de-tinning operation in Building 3, metal separation and wire-coating operation in Building 4, lead cable processing operation, post-consumer can processing operation, and diesel tank. Five baghouses are associated with the metal recycling and processing operations at the subject property. De-tinning and lead cable processing operations were inactive during CPI's inspection. The subject property formerly operated a boiler in the de-tinning area; however, this boiler has been out of service for the last five years.

A copy of applicable air permits was provided for CPI's review. The subject property is regulated by South Coast Air Quality Management District and has received a permit to operate for the aforementioned sources of emission with one exception. The permit to operate the post-consumer can processing unit is pending approval at this time. A copy of pertinent documents is provided in Appendix H.

#### ***6.2.5 Waste Water Discharges***

Wastewater generated at the subject property includes sanitary wastewater, process water, and rain/storm water. Sanitary sewer services are provided by the City of South Gate. Engineered concrete berms and concrete-lined floor trenches in each processing area facilitate collection and re-circulation of process water and rain water at the subject property.

Industrial process water was observed discharging from the wet wire-chopping operations in Building 2 during the site visit. The process water was diverted into a sump that pumped the water via aboveground piping into an aboveground storage tank.

Storm/rain water from catch basins located on the west side of Building 1 is discharged to the Los Angeles River. The area around these catch basins was dry during the inspection. The subject property has a storm water discharge permit and a sample of effluent from the discharge point is collected and analyzed for each storm event. An annual report is prepared and submitted to the Regional Water Quality Board in Los Angeles, California by July 1<sup>st</sup> of each year. A copy of the annual report prepared for the reporting period July 1, 2000 through June 30, 2001 is included in Appendix G.

#### ***6.2.6 Waste Management***

Waste oil generated at the subject property is stored temporarily in the waste oil AST staged outside the Building 4. Leach Oil Company empties out the waste oil AST every 60 days. Generated solid waste, temporarily stored in a storage bin on the west-central portion of the subject property, is transported by Macleod to the Los Angeles County Municipal Landfill for disposal on a monthly basis. According to Mr. Lambert, Plant Manager, the subject property generates approximately 450 tons of solid waste every month.



## **7.0 INTERVIEWS**

CPI conducted interviews with persons knowledgeable about current and/or past activities at the subject property. CPI conducted personal interviews with Mr. Bill Lambert, Plant Manager. CPI contacted the Los Angeles Fire Department for information regarding emergency responses to the subject property.

### **7.1 Interview with Owner**

CPI did not conduct an interview with the owner of the subject property.

### **7.2 Interview with Plant Manager**

CPI interviewed Mr. Bill Lambert, Plant Manager at the subject property. Mr. Lambert was asked questions regarding current and historical operations at the subject property. Information obtained regarding current operational practices at the subject property is presented in Section 3.4. Additional questions were asked regarding his historical knowledge of the subject property to supplement information obtained during previous property inspections.

### **7.3 Interview with Occupants**

CPI conducted no interviews with additional occupants.

### **7.4 Interviews with Local Government Officials**

CPI conducted no interviews with Local Government Officials. All communications were conducted in writing (see Section 5.2.2).

## 8.0 SUMMARY AND CONCLUSIONS

CPI performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Standard Practice E 1527-00 of property owned by Metal Management Realty and located at 9309 Rayo Avenue in South Gate, California. Any exceptions to, or deletions from, this practice are described in Section 10.0 of this report.

Scrap processing operations have been conducted at the subject property since 1981. Operations were noted to be generally orderly, and good housekeeping practices appeared to be conducted regularly. The operations are conducted on concrete work surfaces or inside buildings and migration of process water and surface water runoff is controlled within each area using concrete lined grated trenched, sumps and concrete berms. The process water and rain water is collected and stored in ASTs staged in each area for future use. The piping associated with the water recycling system is installed aboveground at the subject property, thereby minimizing impact to subsurface soil and groundwater.

Grinders and granulators are housed in a wooden shed in each processing area to minimize noise and dust. Air emission control units seemed efficient in capturing dust and particulate matter inside the metal processing buildings during CPI's site visit. No transformers, capacitors, ballasts, or batteries are reportedly accepted at the facility, nor were these items noted present in scrap stockpiles during the site visit. The entrance gate is equipped with radiation detector; therefore, the incoming materials are screened for presence of radioactive material before entering the yard.

Although current practices and structures are implemented to minimize the potential for impact to air, water, and soil at the subject property, due to the general nature of scrap metal processing activities, the following recognized environmental conditions associated with the subject property and surrounding properties are identified:

### Subject Property

- Staining was observed in some of the areas where petroleum products are stored, used, or handled. Uncontained releases of petroleum products on concrete surfaces (i.e., bulk oil storage tanks, waste oil tank, diesel fuel dispenser, and drums) likely pose minimal environmental concern.

- Currently, the subject property operates a double-wall diesel fuel UST equipped with a vapor-monitoring leak detection system. No monitoring document or fuel inventory was available for CPI's review. Therefore, it is not possible to determine whether or not there has been any fuel loss due to overfilling or other circumstances over time. Operation of this tank and uncontrolled inventory loss could potentially pose an environmental concern.
- The results of previous assessments conducted by others indicate that asbestos-containing material is present in the employee locker room located in Building 4. In addition, since the building was constructed in the early 1970s, fluorescent light ballasts containing PCBs might be present at this location.
- Handling, storing, and processing of scrap metal materials could potentially impact soil and/or groundwater with oil, metals, and polychlorinated biphenyls (PCBs). Currently, structural controls are in place so as to minimize the likelihood of impact to the environment from these operations. However, such controls may not have been established from the onset of scrap metal processing operations.

#### **Surrounding Properties**

- Cooper Drum Company was listed in the NPL on June 14, 2001 due to presence of impacted groundwater. Cooper Drum Company is located in the cross-gradient groundwater flow direction, across the Atlantic Avenue southwest of the subject property.
- Kustom Fit was identified as a low priority CERCLIS site in 1994. Kustom Fit is located upgradient, across the Atlantic Avenue north-northwest of the subject property.

## **9.0 DEVIATIONS**

No deviations from ASTM Standard Practice E 1527-00 were performed while preparing this report.

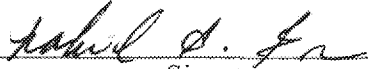
## 11.0 REFERENCES

The following documents were reviewed during preparation of this ESA:


1. *Aerial Photographs* (1928, 1952, 1947, 1968, 1976, 1989, and 1994), prepared by Environmental Data Resources, Inc, Southport, CT
2. *Aerial Photograph* (1981 and 1995) provided by Macleod Metals, Inc.
3. *The EDR City Directory Abstract* (March 19, 2002), prepared by Environmental Data Resources, Inc, Southport, CT
4. *The EDR Historical Topographic Report* (March 19, 2002), prepared by Environmental Data Resources, Inc, Southport, CT
5. *Sanborn Fire Insurance Maps* (1950, 1966), provided by EDR Sanborn, Southport, CT
6. *The EDR Radius Map with Geocheck® Report* (March 15, 2002), prepared by Environmental Data Resources, Inc, Southport, CT
7. *Phase I Environmental Audit Report* (January 9, 1997), prepared by Environ Corporation, Emeryville, California
8. *Plot and Site Drainage Plan* (September 1993), prepared by Conservtech, Inc., Vernon, California
9. *Aerial Photographs* (1981, 1993), provided by Macleod Metals, Inc., South Gate, California
10. *South Gate, California Topographic Map Quadrangle* (1981), 7.5-Minute Series Topographic Map, United States Geological Survey
11. *Seismic Hazard Evaluation of The South Gate 7.5 Minute Quadrangle, Los Angeles, California* (1998), Open-File Report 98-25, Department of Conservation, Division of Mines and Geology

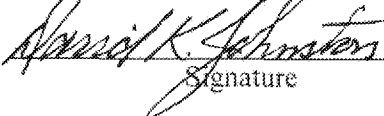
## 12.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

The following CPI representative(s) performed field reconnaissance and prepared report:

<b>Nahid A. Brown</b>	<b>Senior Project Manager</b>	
Name	Title	Signature

The following CPI representative(s) reviewed report:

<b>Michael B. Place</b>	<b>President</b>	
Name	Title	Signature

<b>David K. Johnston</b>	<b>Senior Project Manager</b>	
Name	Title	Signature

### **13.0 QUALIFICATIONS OF RESPONSIBLE ENVIRONMENTAL PROFESSIONALS**

Resumes of individuals responsible for completion of this Phase I ESA are included in Appendix I.

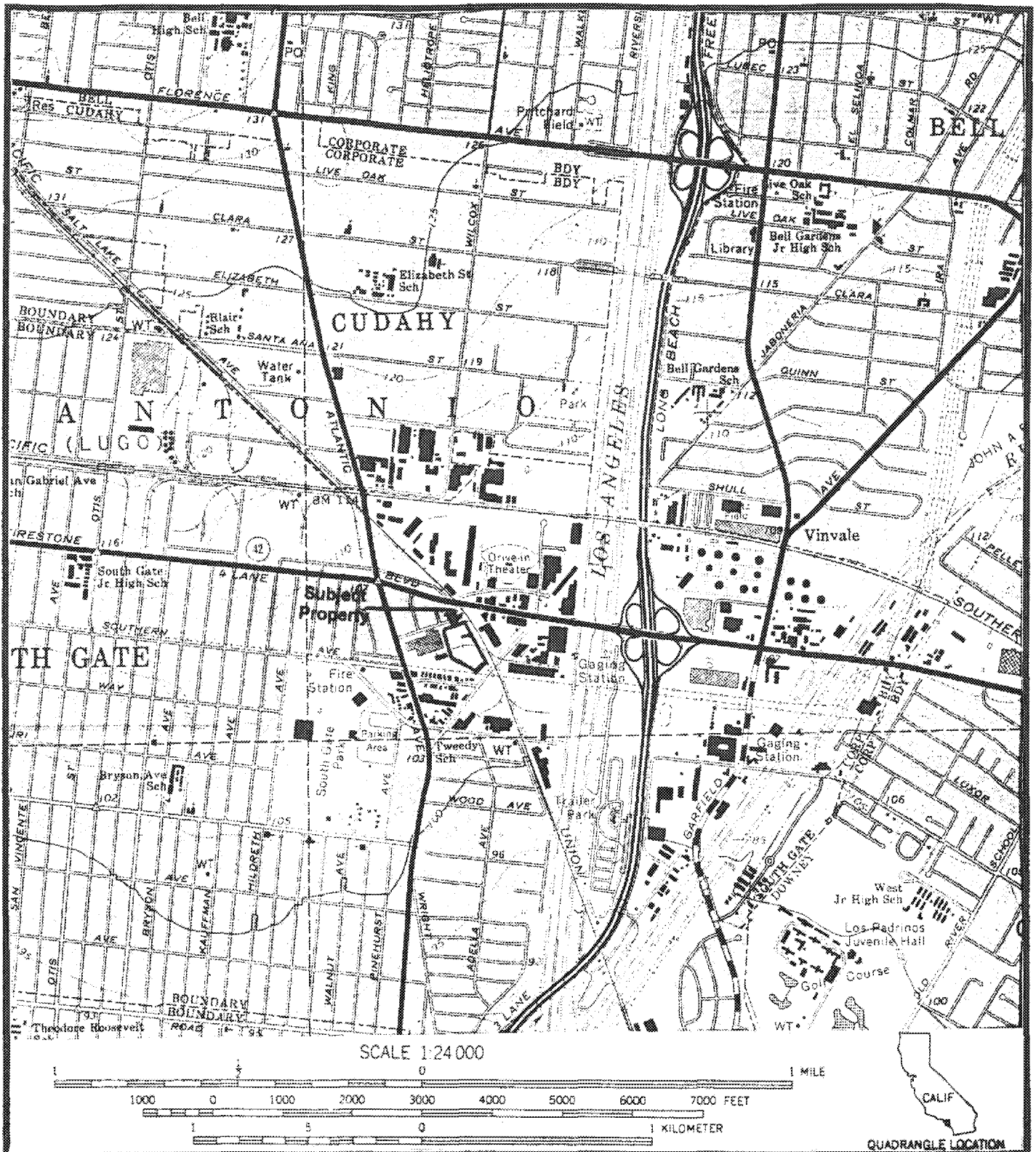


FIGURE 1  
Subject Property Location Map

Macleod Metals, Inc.  
9309 Rayo Avenue  
South Gate, California 90280  
Los Angeles County

CPI Project No.:  
E05-97-02-295

USGS 7.5 Minute Series  
South Gate Quadrangle  
1981



**CPI Environmental Services, Inc.**

799 Roosevelt Road  
Bldg 6, Suite 110  
Glen Ellyn, Illinois 60137  
(630) 469-6340





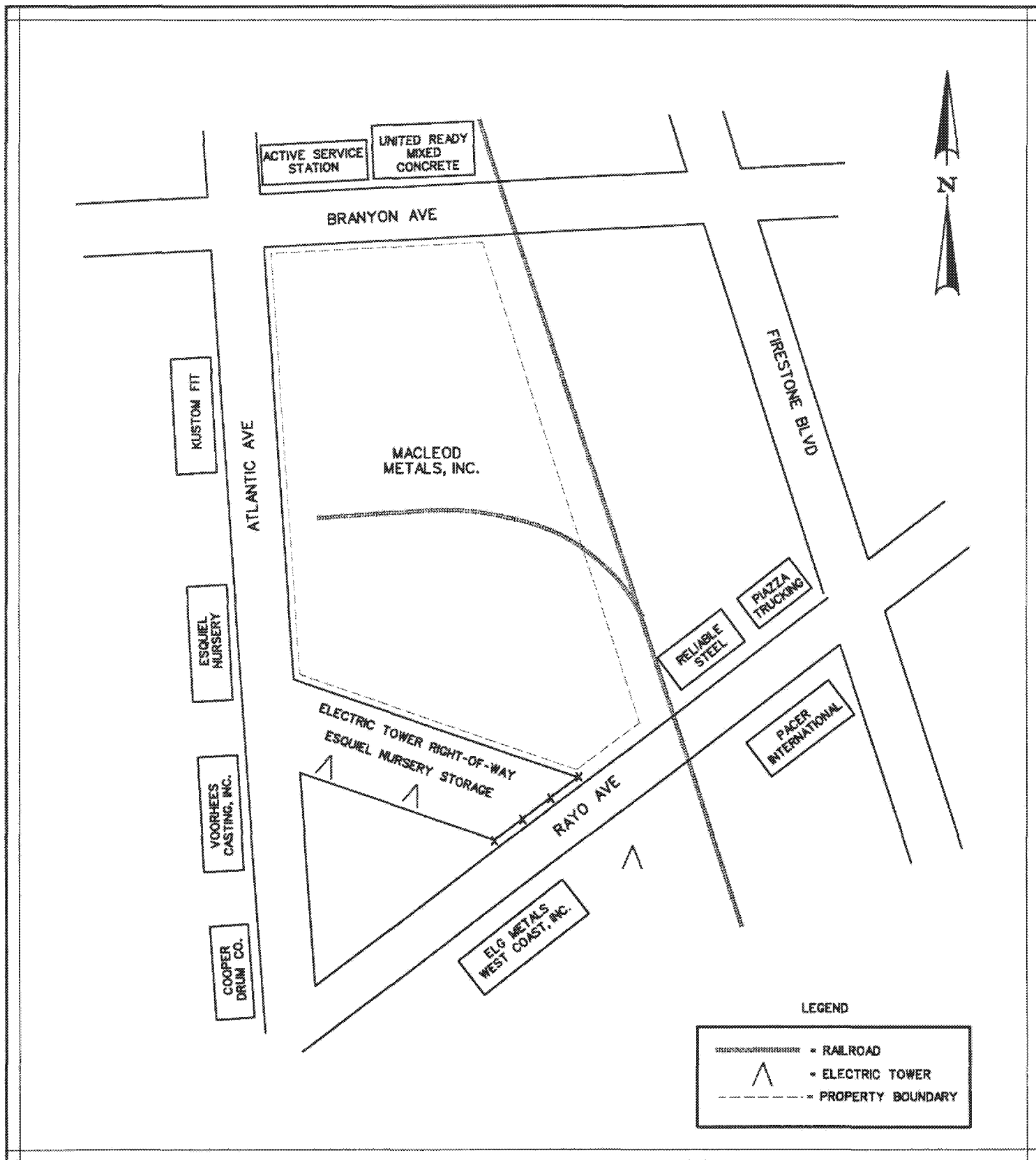
<sup>2</sup>NOTE: Y


Phone (830) 488-8340



720 ROOSEVELT ROAD, BUILDING 8, SUITE 110  
GLEN ELLYN, ILLINOIS 60137

FIGURE 2: SUBJECT PROPERTY  
FEATURES MAP



F: 630-488-8470  <b>CPI Environmental Services, Inc.</b> 799 ROOSEVELT ROAD, BLDG. 8, STE. 110 GLEN ELLYN, ILLINOIS 60137	P: 630-488-8340 GRAPHIC SCALE <p style="text-align: center;">NOT TO SCALE</p>		LOCATION <p style="text-align: center;">MACLEOD METALS, INC.          9309 RAYO AVE.          SOUTH GATE, CA 90280</p>
NOTES	DATE <p style="text-align: center;">03/27/2002</p>	DRAWN <p style="text-align: center;">BLF</p>	TITLE <p style="text-align: center;">FIGURE 3. SURROUNDING PROPERTIES MAP</p>
	PROJ. NO. <p style="text-align: center;">E05-97-02-295</p>	APVD <p style="text-align: center;">NAB</p>	

## Photographic Log



Photo #1 – Main office building and entrance into facility.



Photo #2 – View of facility looking toward the northwest. Rayo Avenue in foreground.

**Photographic Log (Continued)**



Photo #3 – Warehouse shipping, storage, and receiving area.



Photo #4 – Interior of Warehouse.

## Photographic Log (Continued)

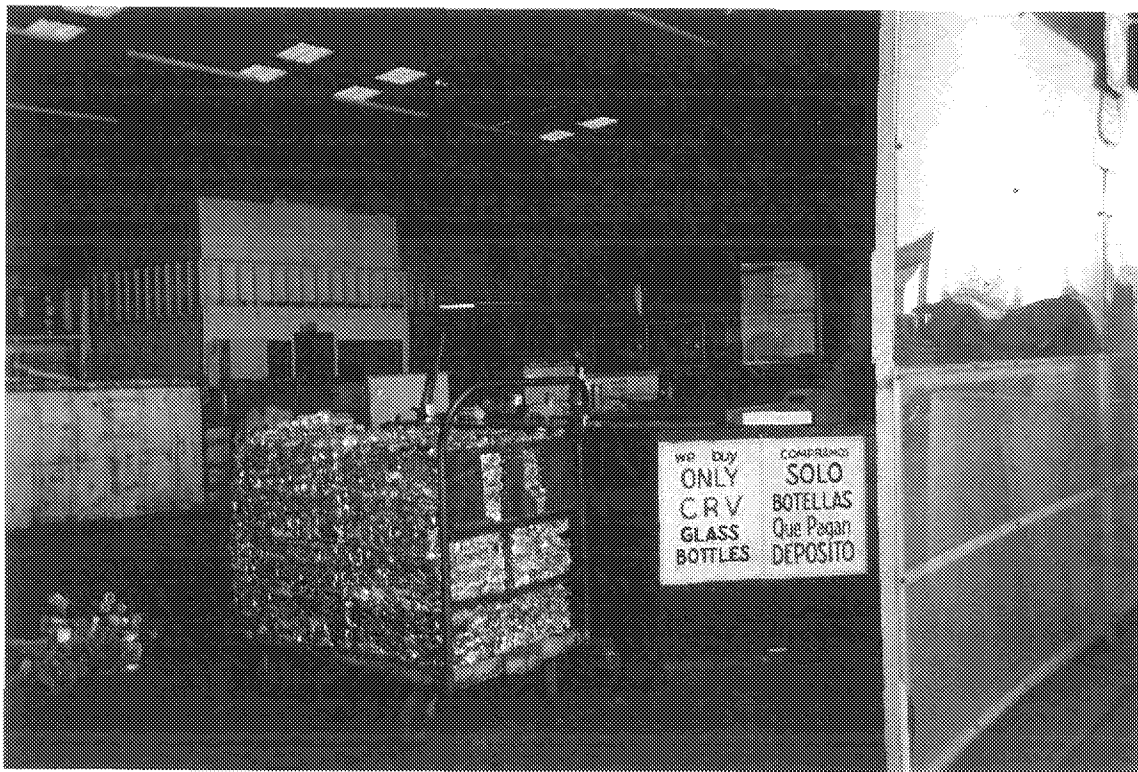


Photo #5 – Interior of Warehouse can and bottle receiving area.

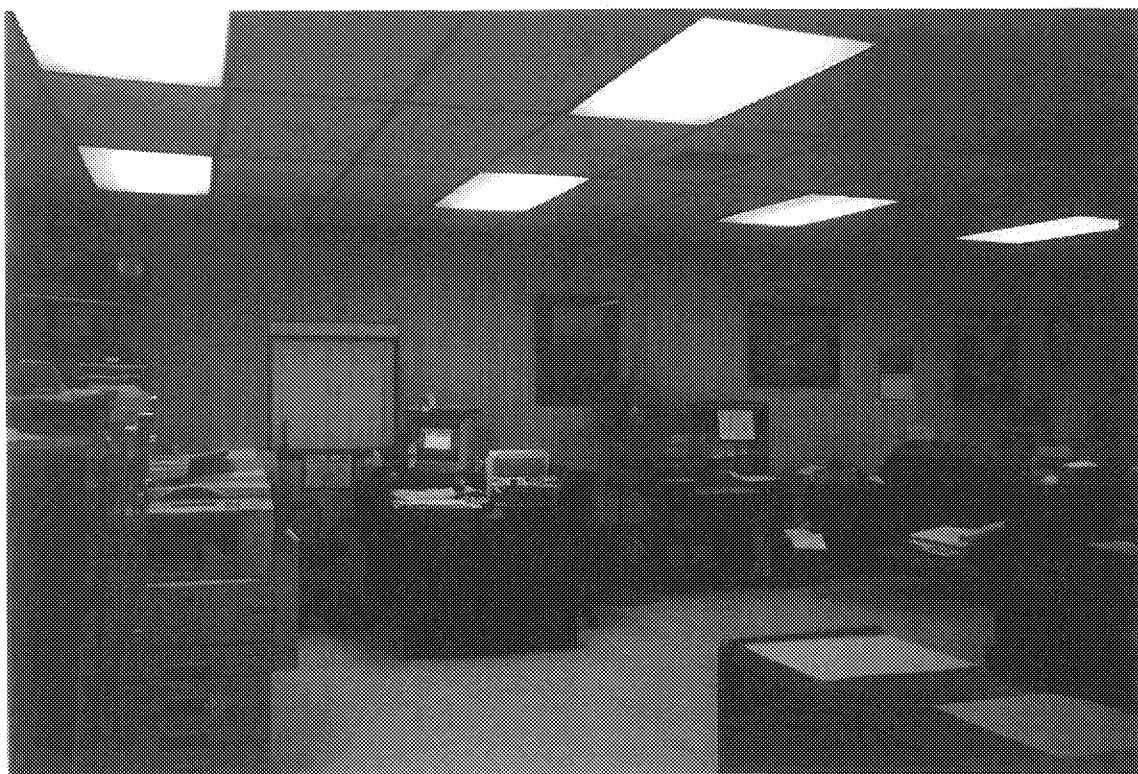


Photo #6 – First floor of Main Office Building.



## Photographic Log (Continued)

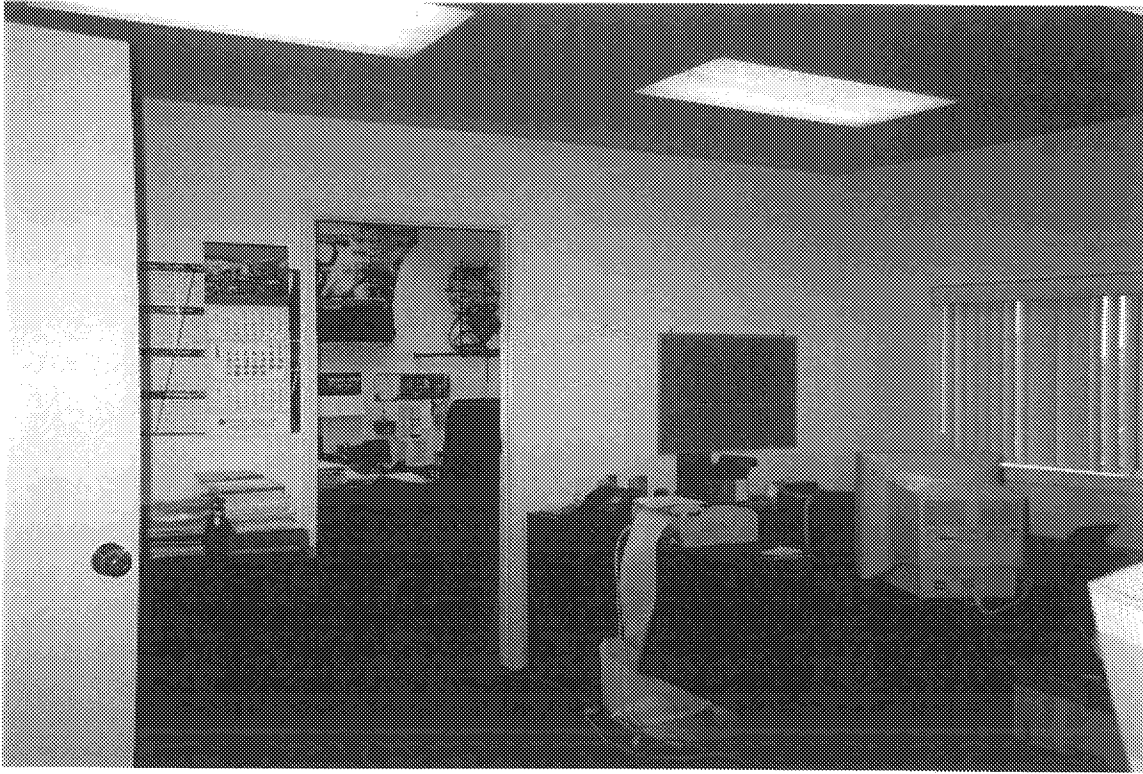


Photo #7 – Second floor of Main Office Building



Photo #8 – Laboratory on second floor of Main Office Building.

## Photographic Log (Continued)



Photo #9 – Building 2 copper wire processing area.

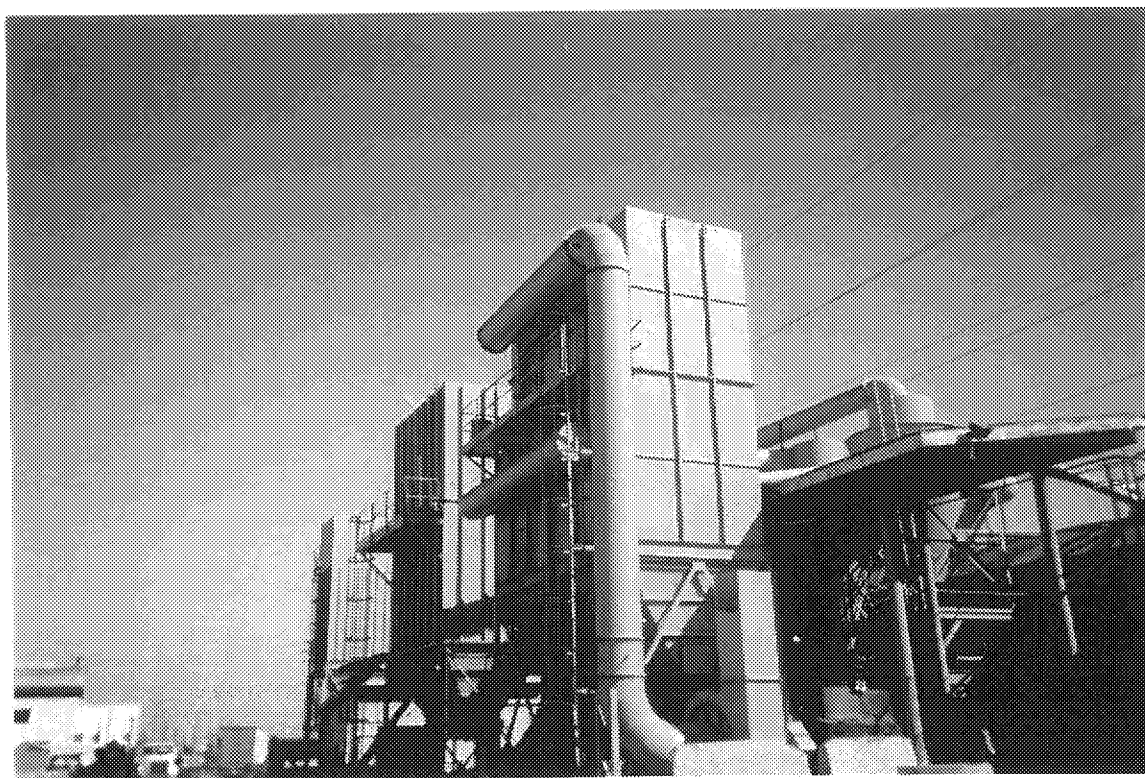


Photo #10 – Building 2 air emission control unit (baghouse)

## Photographic Log (Continued)

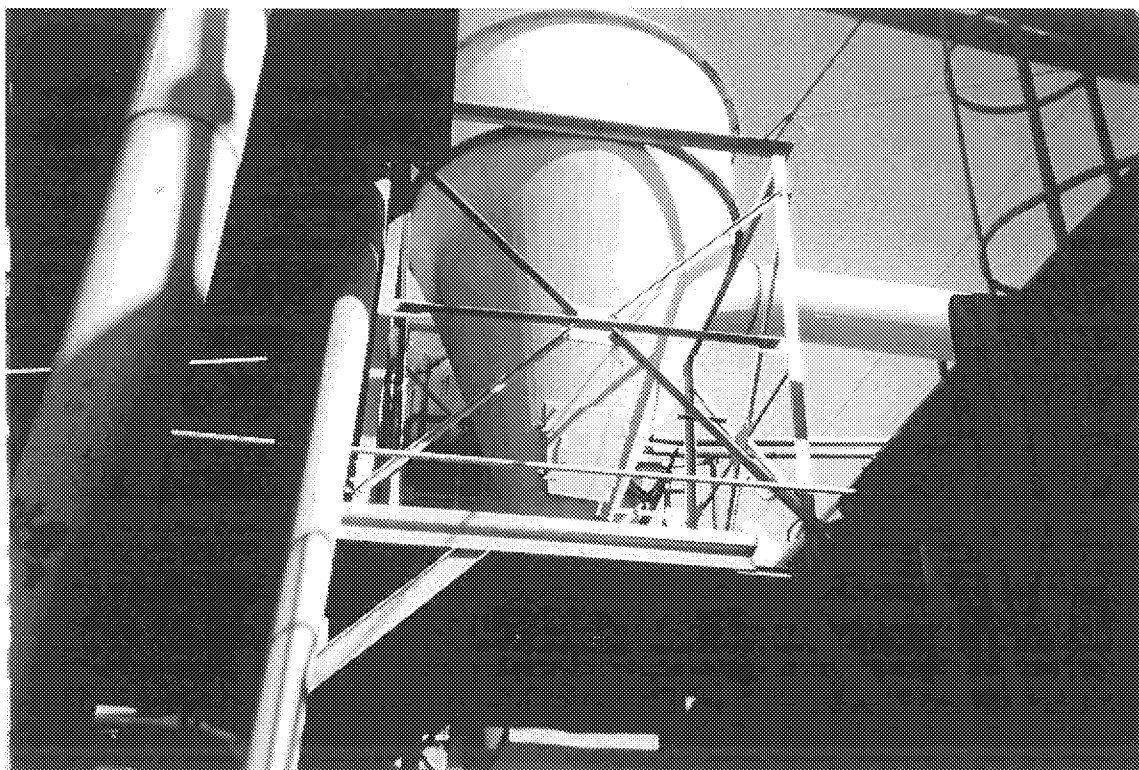


Photo #11 – Building 2 air emission control unit (cyclone).



Photo #12 - Building 3 caustic tank for de-tinning process (tank 1)



## Photographic Log (Continued)

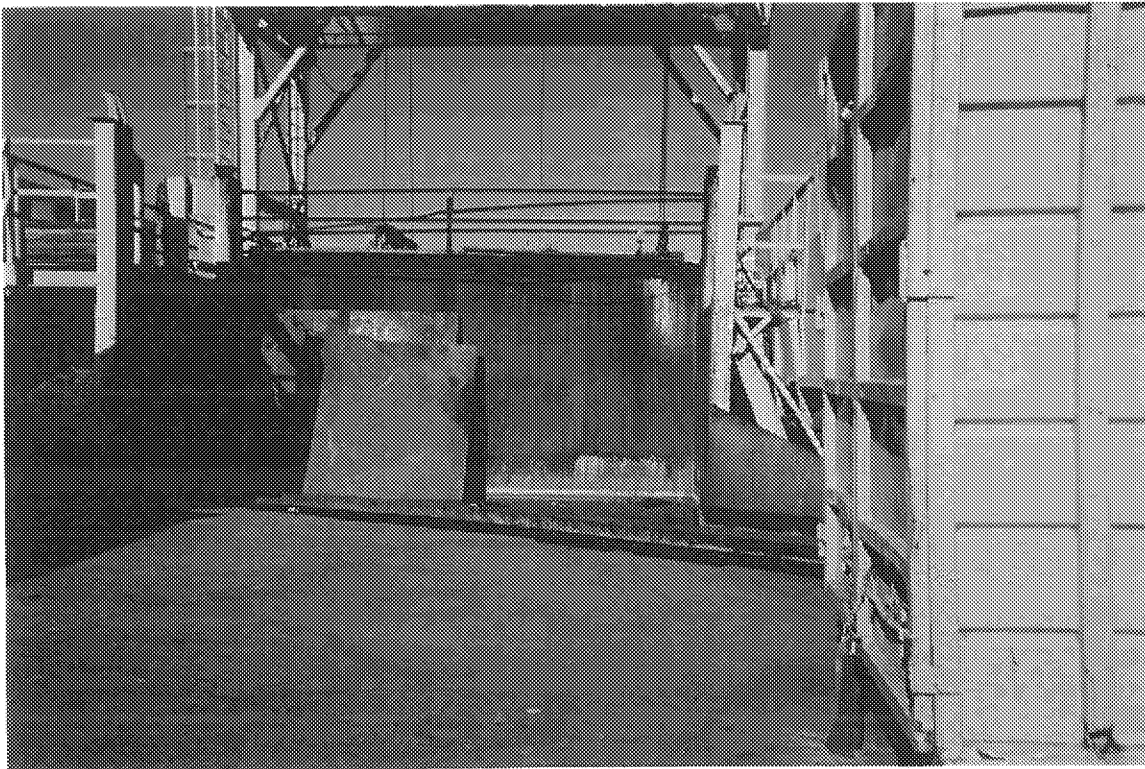


Photo #13 – Building 3 exterior view of caustic rinse water tank (tank 4) for de-tinning process.

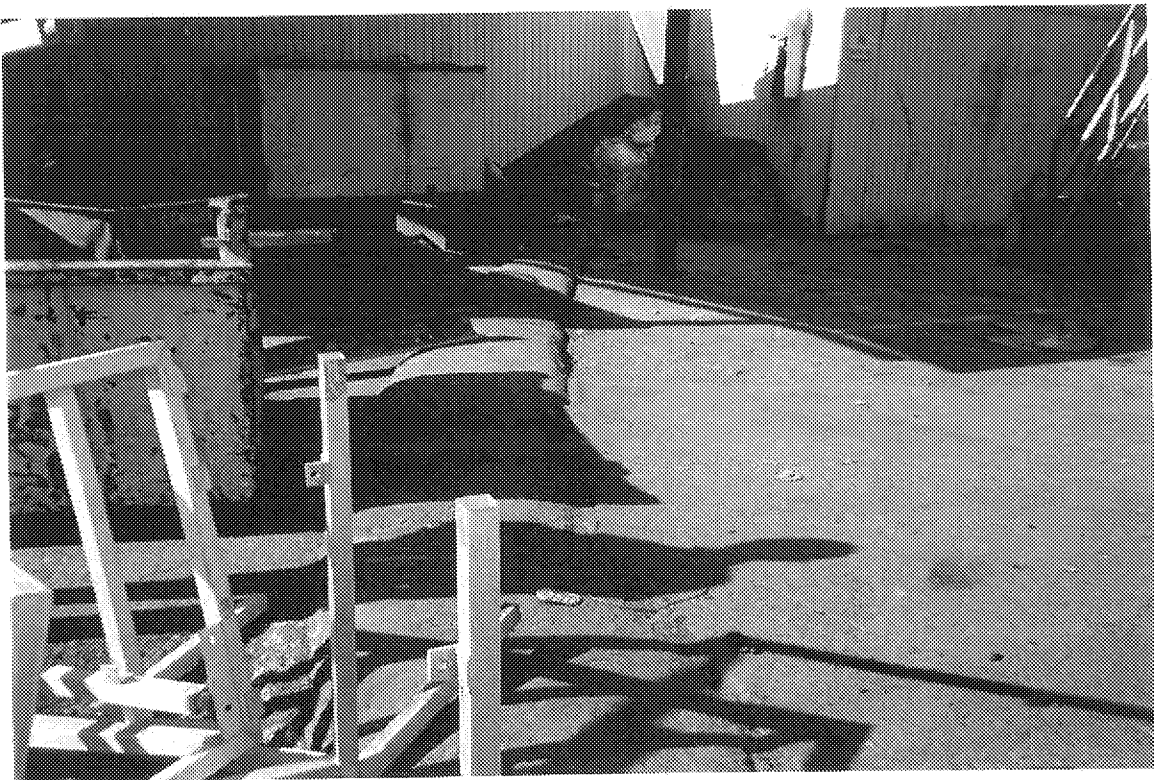


Photo #14 – Building 3 concrete berm around de-tinning process area

## Photographic Log (Continued)



Photo #15 – Building 3 electrolytic cell tanks for de-tinning process



Photo #16 – Building 3 drums of caustic solution in de-tinning process area.

## Photographic Log (Continued)

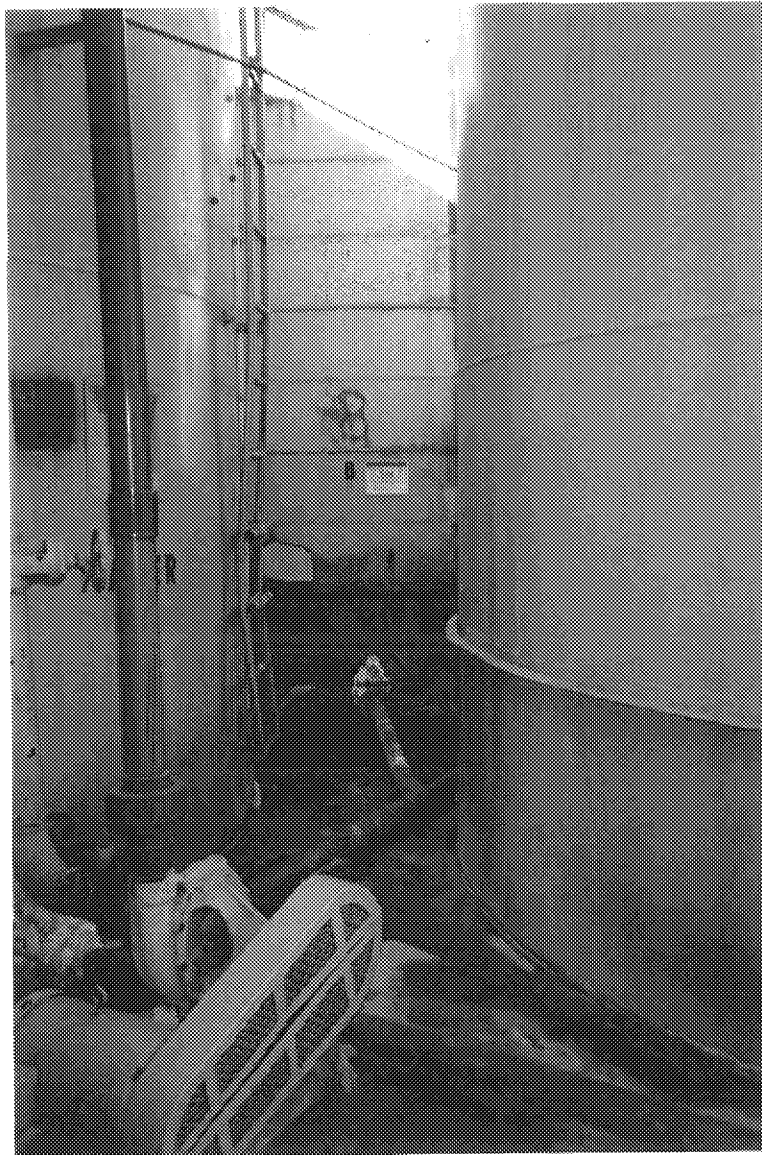


Photo #17 – Building 3 rainwater storage ASTs (5, 9, & 6) and caustic solution ASTs (9) in de-tinning process area

## Photographic Log (Continued)



Photo #18 – Building 4 wire insulation processing and metal separation area. Air emission control unit (baghouse) shown on the right.

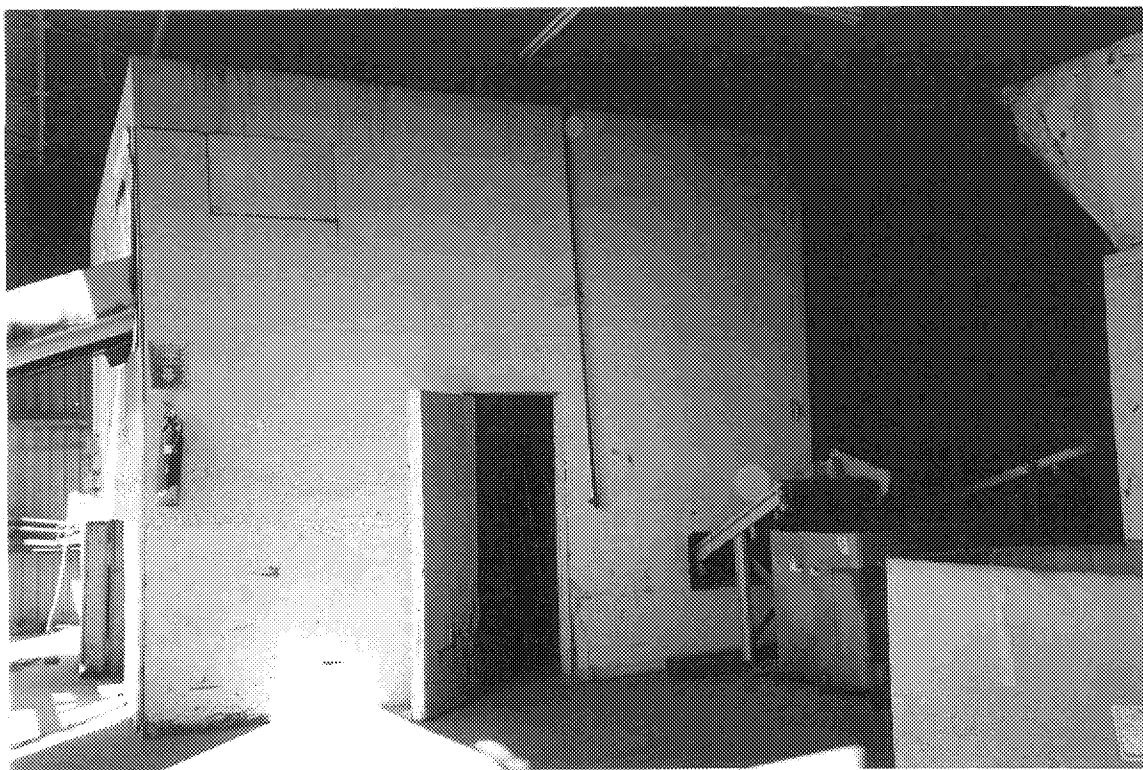


Photo #19 – Wire grinder in wood framed structure at Building 4.



### Photographic Log (Continued)

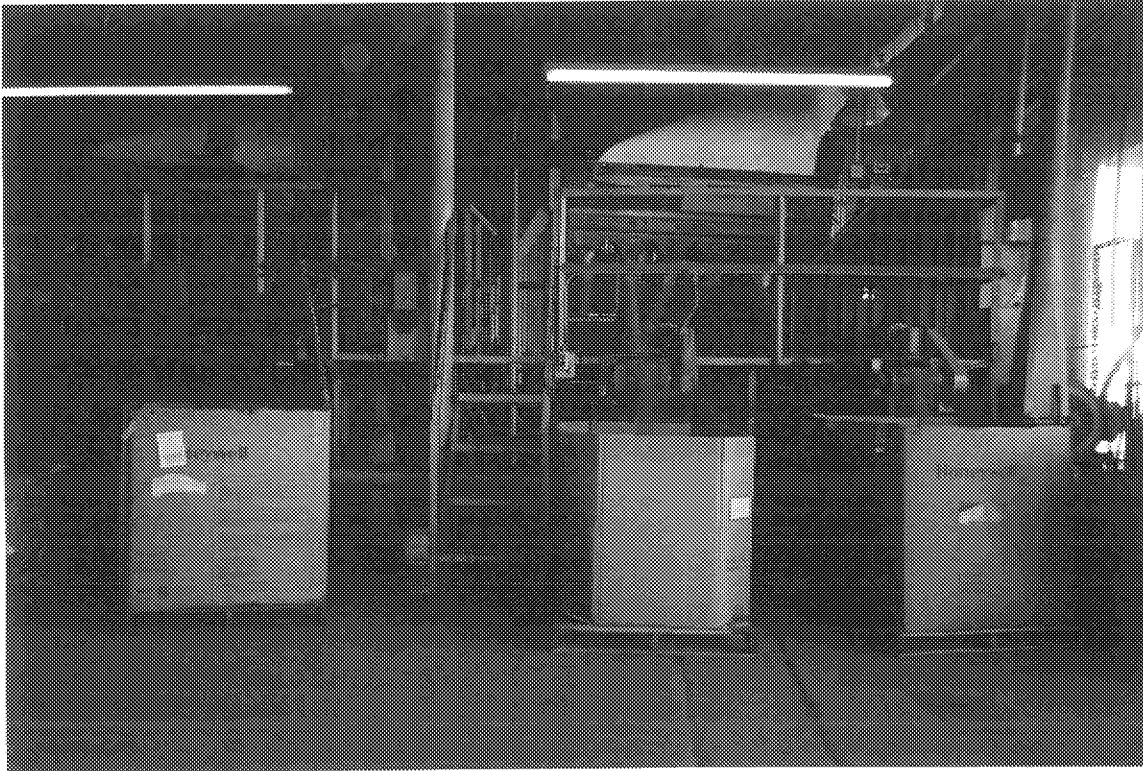


Photo #20 -- Building 4 metal separator area.

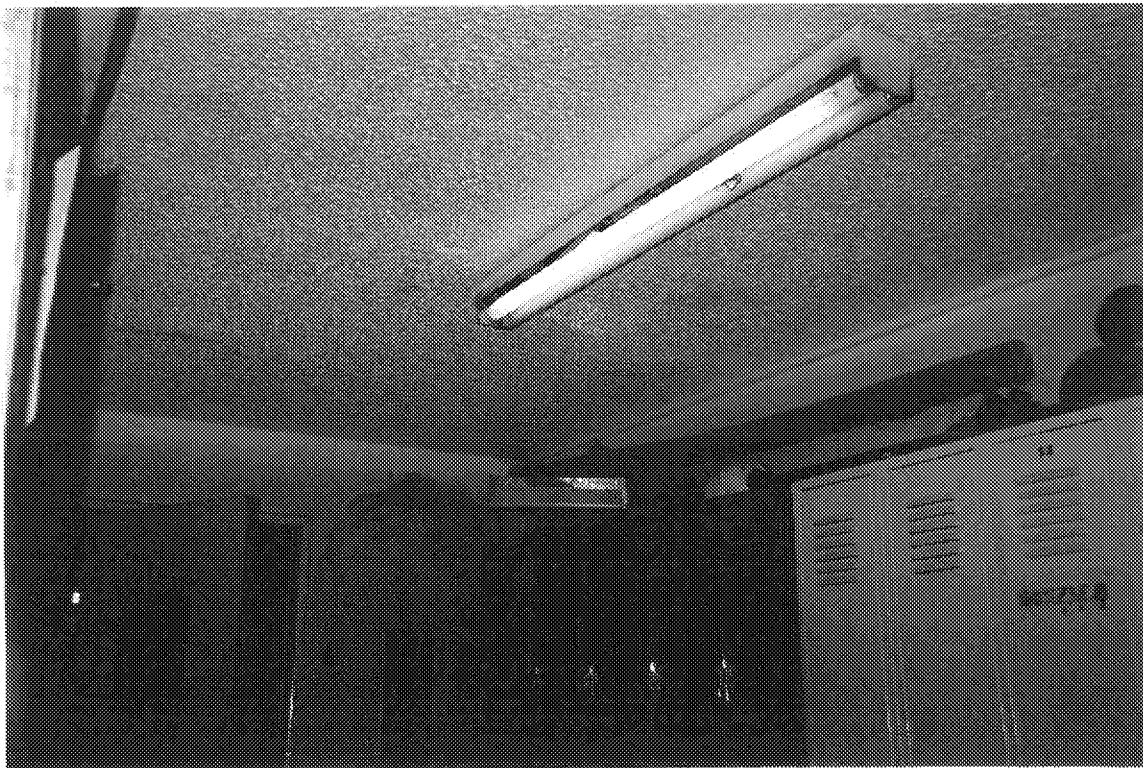


Photo #21 -- Building 4 employee locker room.

## Photographic Log (Continued)



Photo #22 -- Water storage tank for wire insulation and surfactant ( ethoxylated alcohol) near northeast corner of Building 4.

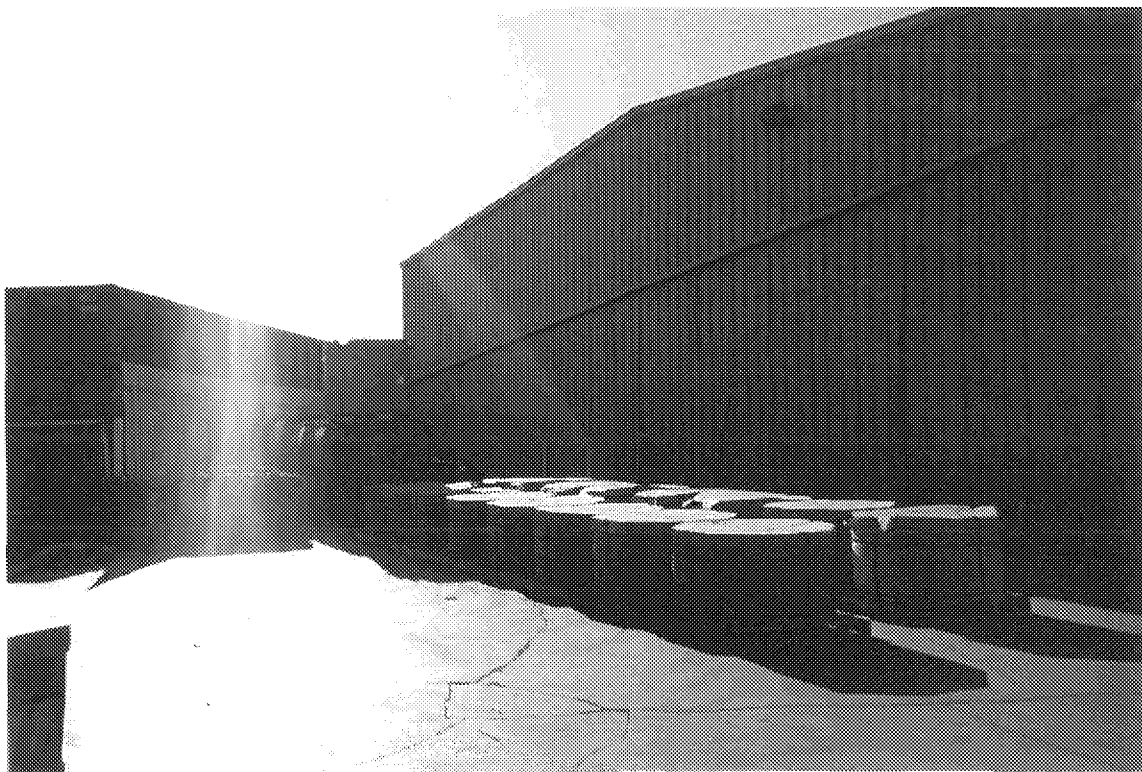


Photo #23 -- Loading dock area north of Building 1.

## Photographic Log (Continued)

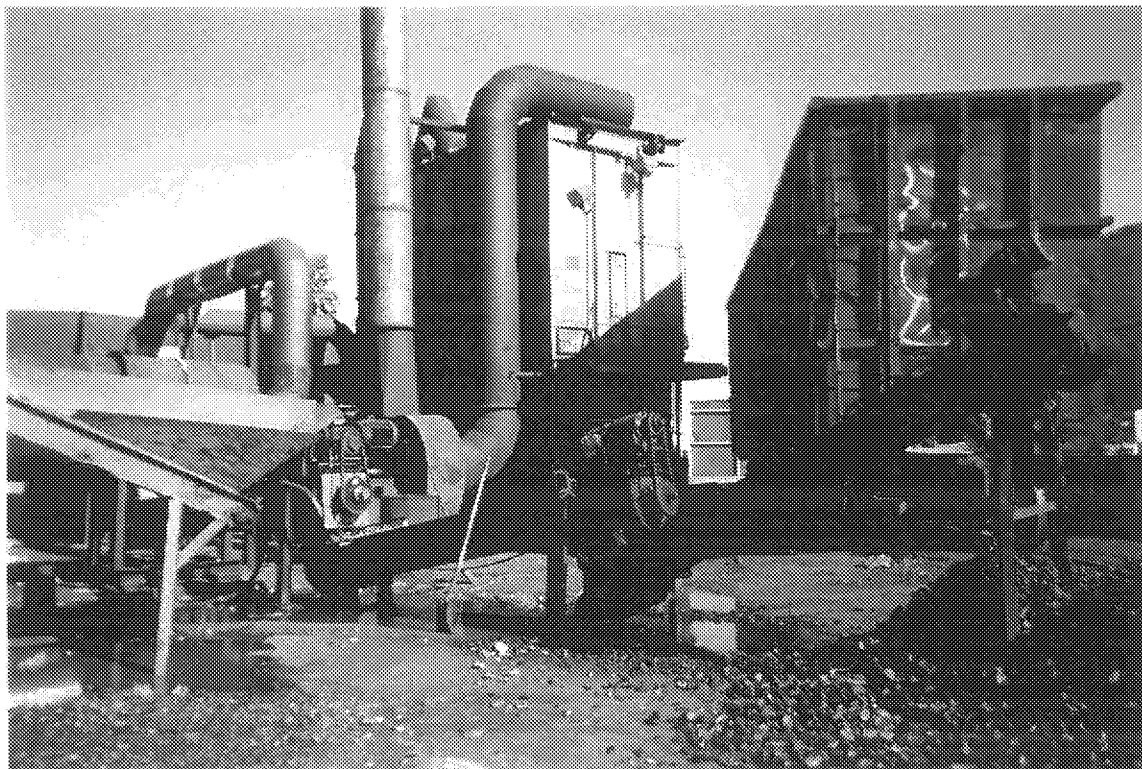


Photo #24 -- Post-Consumer can processing unit.



Photo #25 -- Raw material storage bins along southwest portion of property.

## Photographic Log (Continued)

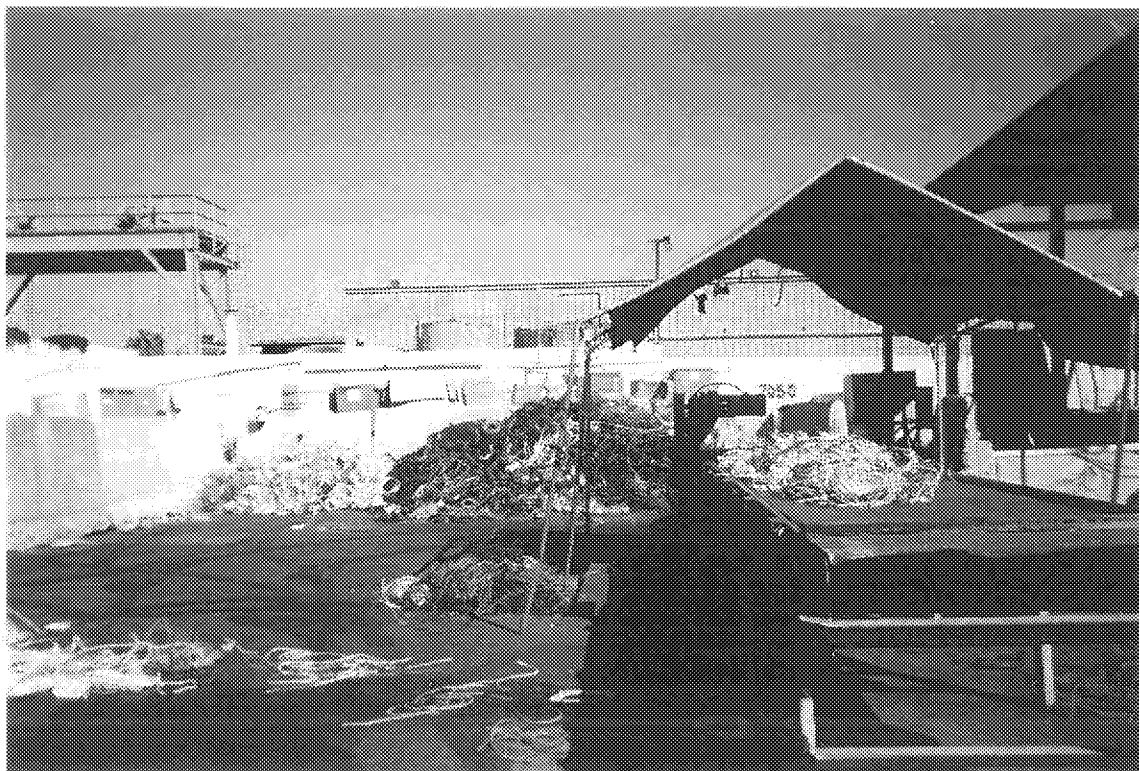


Photo #26 -- Wire storage area.



Photo #27 -- Non-ferrous material storage area on north side of property.



## Photographic Log (Continued)



Photo #28 – Lead cable processing area.

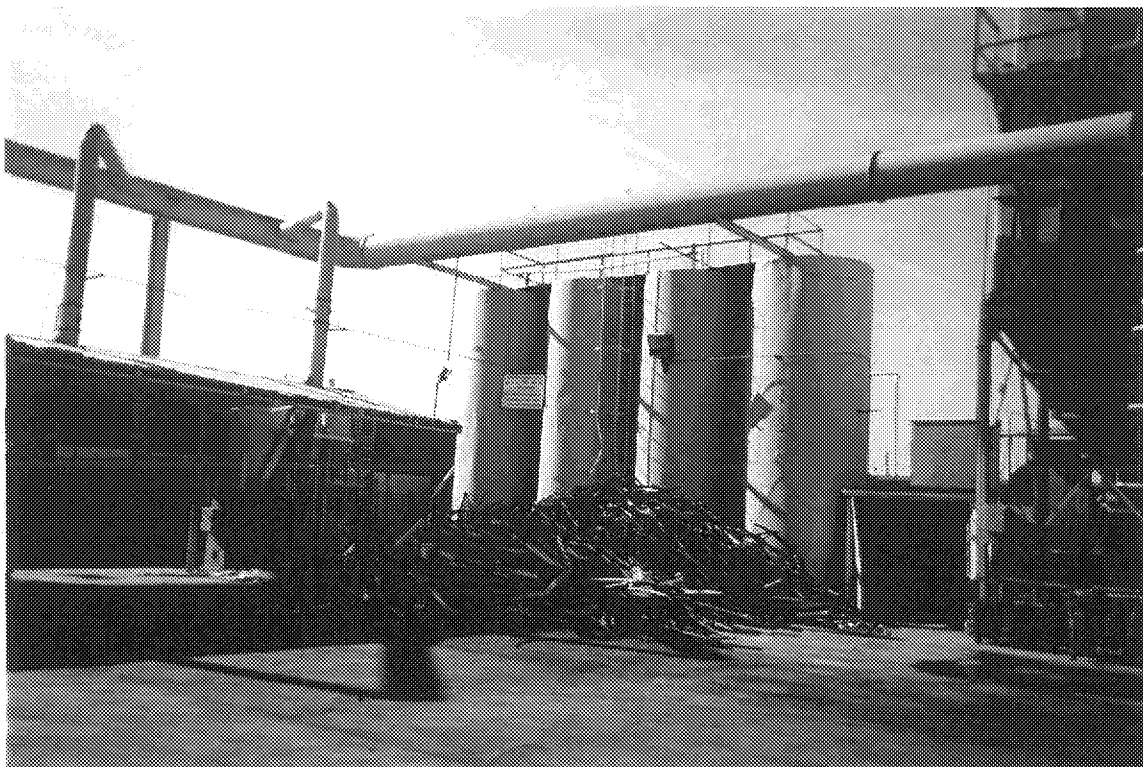


Photo #29 – Lead cable processing area showing pipe insulation, rainwater and process water ASTs (14, through 17), strippers at left, and baghouse at right.

## Photographic Log (Continued)



Photo #30 – Finished product stored in the lead cable processing area. Employee trailers in background.

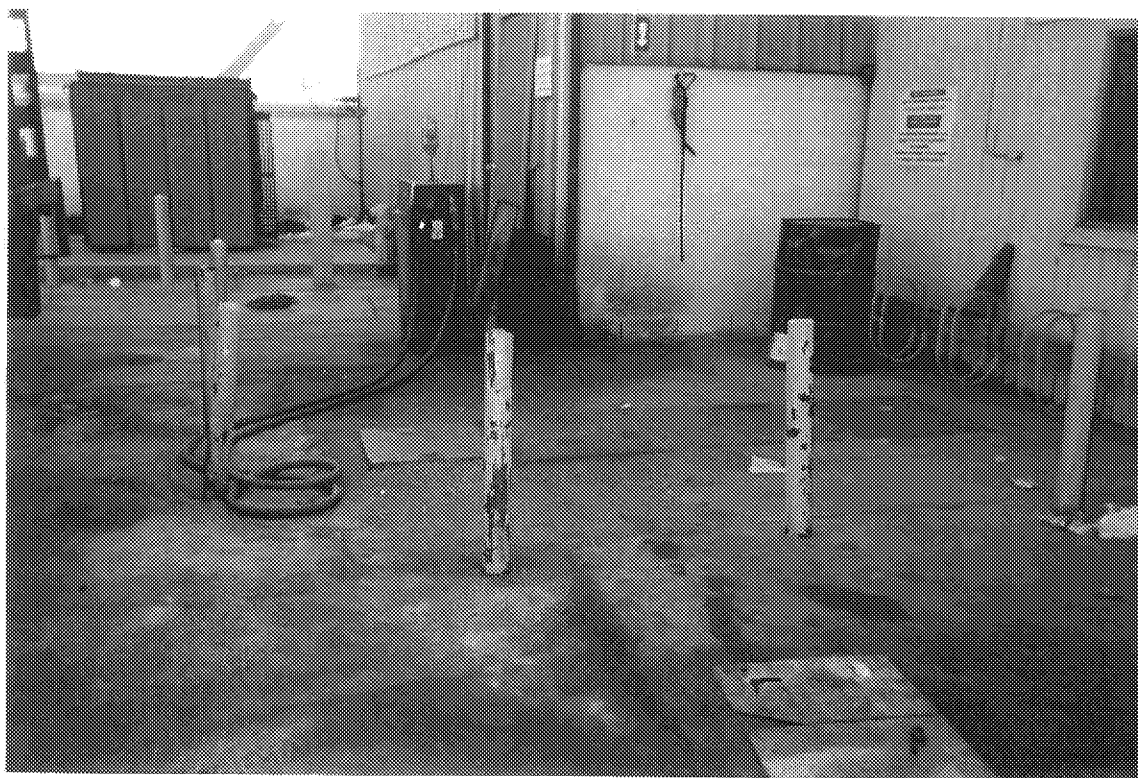


Photo #31 – Dispenser for diesel fuel UST 4. Former waste oil clarifier unit in foreground. Note stained concrete.

## Photographic Log (Continued)

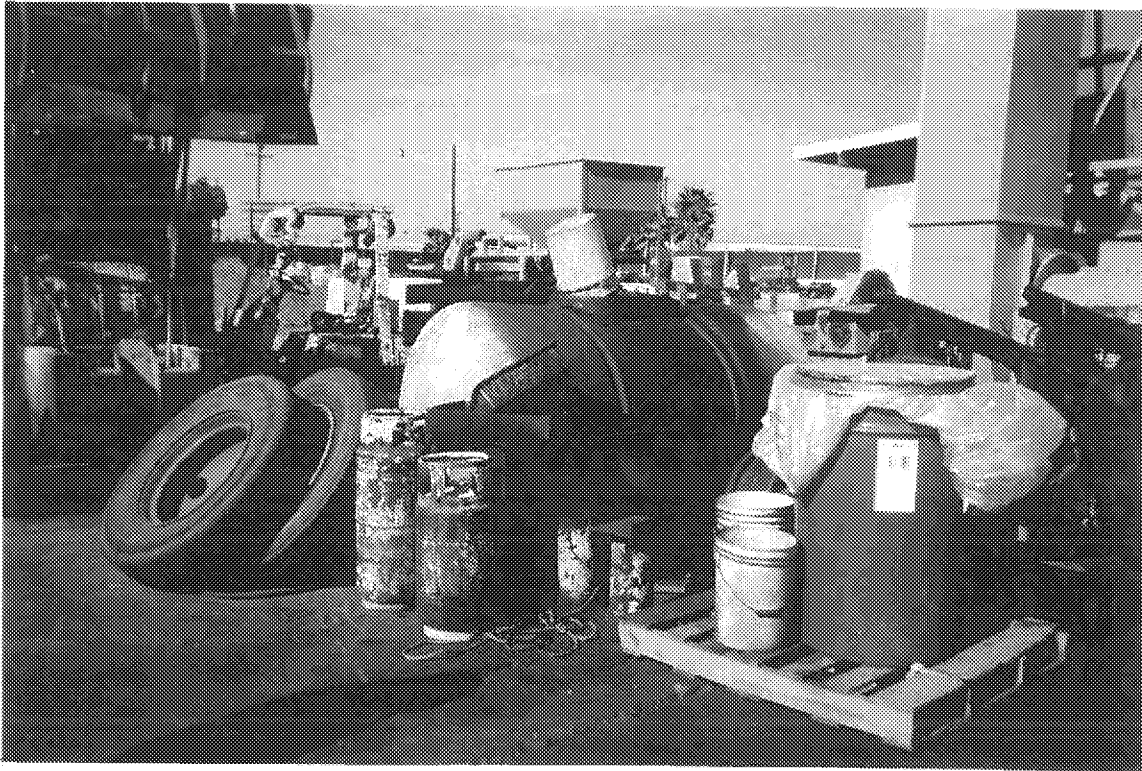


Photo #32 – Waste oil above ground storage tank (AST 18) at Maintenance Shop outside Building 4.



Photo #33 – Motor oil (AST 23) and hydraulic oil (AST 22) above ground storage tanks in Maintenance Shop at Building 4.

## Photographic Log (Continued)



Photo #34 – Plant generated waste storage area.



Photo #35 – Reliable Steel facility located east of property.



## Photographic Log (Continued)



Photo #36 -- Eastern property boundary.



Photo #37 -- Power company right-of-way southwest of subject property.

**Appendix C1:**  
**Regulatory Database Search Reports**



## **The EDR Radius Map with GeoCheck®**

**Macleod Metals, Inc.  
9309 Rayo Avenue  
South Gate, CA 90280**

**Inquiry Number: 746432.3s**

**March 15, 2002**

## ***The Source For Environmental Risk Management Data***

**3530 Post Road  
Southport, Connecticut 06490**

### **Nationwide Customer Service**

**Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)**

## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

### TARGET PROPERTY INFORMATION

#### ADDRESS

9309 RAYO AVENUE  
SOUTH GATE, CA 90280

#### COORDINATES

Latitude (North): 33.947900 - 33° 56' 52.4"  
Longitude (West): 118.178400 - 118° 10' 42.2"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 391105.6  
UTM Y (Meters): 3756810.2

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2433118-H2 SOUTH GATE, CA  
Source: USGS 7.5 min quad index

### TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 6 of the attached EDR Radius Map report:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
MACLEOD METALS COMPANY 9309 RAYO AVENUE SOUTH GATE, CA 90280	CERC-NFRAP	CAD983667916
MACLEAD METALS CO 9309 RAYO AVE SOUTH GATE, CA 90280	LUST Cortese	N/A
MACLEOD METALS CO 9309 RAYO AVE SOUTH GATE, CA 92251	LOS ANGELES CO. HMR	
MACLEOD METALS CO 9309 RAYO AVE SOUTH GATE, CA 90280	UST HIST UST	N/A
1X MCCLOUD METALS INC. 9309 RAYO AVE. SOUTH GATE, CA 90280	HAZNET	N/A



## EXECUTIVE SUMMARY

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### FEDERAL ASTM STANDARD

**NPL:** Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 01/29/2002 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>COOPER DRUM CO</i></b>	<b><i>9316 ATLANTIC AVE</i></b>	<b><i>1/8 - 1/4 W</i></b>	<b><i>D22</i></b>	<b><i>22</i></b>

**Proposed NPL:** Proposed NPL sites. The source of this database is the U.S. EPA.

A review of the Proposed NPL list, as provided by EDR, and dated 01/17/2002 has revealed that there is 1 Proposed NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>COOPER DRUM CO</i></b>	<b><i>9316 ATLANTIC AVE</i></b>	<b><i>1/8 - 1/4 W</i></b>	<b><i>D22</i></b>	<b><i>22</i></b>

**CERCLIS:** The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 11/21/2001 has revealed that there are 4 CERCLIS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b><i>WEBB, JERVIS B CO OF CALIFORNI</i></b>	<b><i>9301 SO. RAYO</i></b>	<b><i>0 - 1/8 N</i></b>	<b><i>A12</i></b>	<b><i>11</i></b>
<b><i>COOPER DRUM CO</i></b>	<b><i>9316 ATLANTIC AVE</i></b>	<b><i>1/8 - 1/4 W</i></b>	<b><i>D22</i></b>	<b><i>22</i></b>
<b><i>KUSTOM FIT HI-TECH SEATING PRO</i></b>	<b><i>8990 ATLANTIC AVE.</i></b>	<b><i>1/4 - 1/2 WNW</i></b>	<b><i>53</i></b>	<b><i>55</i></b>
<b><i>REISNER METALS INC</i></b>	<b><i>5225 FIRESTONE PLACE</i></b>	<b><i>1/4 - 1/2 NNE</i></b>	<b><i>55</i></b>	<b><i>59</i></b>

## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>CARTER CASTING CO INC</b>	<b>9220 ATLANTIC AVE</b>	<b>1/8 - 1/4 W</b>	<b>G29</b>	<b>39</b>
<b>SPANN S GEAR AND MACHINE CO</b>	<b>4977 BRANYON AVE</b>	<b>1/8 - 1/4 NW</b>	<b>F36</b>	<b>44</b>
<b>DSL TRANSPORTATION SERVICE</b>	<b>5011 FIRESTONE PL</b>	<b>1/8 - 1/4 N</b>	<b>J39</b>	<b>46</b>
<b>CITY OF SOUTH GATE</b>	<b>4933 SOUTHERN AVE</b>	<b>1/8 - 1/4 WSW N49</b>		<b>53</b>

### STATE ASTM STANDARD

**AWP:** California DTSC's Annual Workplan, formerly known as BEP, identifies known hazardous substance sites targeted for cleanup. The source is the California Environmental Protection Agency.

A review of the AWP list, as provided by EDR, and dated 11/08/2000 has revealed that there is 1 AWP site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>PARK AVENUE ELEMENTARY SCHOOL</b>	<b>8020 PARK AVENUE</b>	<b>1/2 - 1 NNE</b>	<b>98</b>	<b>119</b>

**CAL-SITES:** Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there are 6 Cal-Sites sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>COOPER DRUM CO</b>	<b>9316 ATLANTIC AVE</b>	<b>1/8 - 1/4 W</b>	<b>D22</b>	<b>22</b>
<b>CALIFORNIA ALABAMA PIPE COMPAN</b>	<b>5335 SOUTHERN AVENUE</b>	<b>1/8 - 1/4 SE</b>	<b>E37</b>	<b>45</b>
<b>RHONE POULENC BASIC CHEMICALS</b>	<b>4570 ARDINE ST</b>	<b>1/2 - 1 NW</b>	<b>94</b>	<b>114</b>
<b>RICHFIELD OIL CORPORATION #1</b>	<b>8600 SOUTH GARFIELD</b>	<b>1/2 - 1 ENE</b>	<b>T97</b>	<b>118</b>
<b>PARK AVENUE ELEMENTARY SCHOOL</b>	<b>8020 PARK AVENUE</b>	<b>1/2 - 1 NNE</b>	<b>98</b>	<b>119</b>
<b>GARFIELD MOBILE PARK</b>	<b>8422 GARFIELD AVENUE</b>	<b>1/2 - 1 ENE</b>	<b>101</b>	<b>127</b>

**CHMIRS:** The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/1994 has revealed that there are 6 CHMIRS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	9300 RAYO ST	0 - 1/8 NE	A6	8
Not reported	9300 RAYO	0 - 1/8 NE	A9	10
Not reported	I-710 S/FIRESTONE BLVD	1/4 - 1/2 ENE	66	71
Not reported	8610 SOUTH ATLANTIC	1/2 - 1 NW	70	77
Not reported	8958 KAUFFMAN	1/2 - 1 WNW	77	86
Not reported	5702 FIRESTONE PLACE	1/2 - 1 ENE	79	87

## EXECUTIVE SUMMARY

**SWF/LF:** The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PUREX RUBBISH DISPOSAL CO.	9400 S. RAYO AVE.	0 - 1/8 SW	B13	13
SALT LAKE TRANSFER STATION	9599 SALT LAKE AVENUE	1/8 - 1/4 SSE	43	49

**LUST:** The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 01/17/2002 has revealed that there are 15 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>ELG METALS WEST COAST INC.</b>	<b>9400 RAYO AVE</b>	<b>0 - 1/8 SW</b>	<b>B16</b>	<b>15</b>
<b>BELL FOUNDRY CO</b>	<b>5310 SOUTHERN AVE</b>	<b>1/8 - 1/4 SE</b>	<b>E26</b>	<b>33</b>
<b>MCLEOD METALS</b>	<b>8980 KENDALL AVE</b>	<b>1/8 - 1/4 NW</b>	<b>F28</b>	<b>38</b>
<b>SOUTH GATE TIRE</b>	<b>9511 ATLANTIC AVE S</b>	<b>1/8 - 1/4 SW</b>	<b>H30</b>	<b>40</b>
<b>REINSER METALS INC</b>	<b>5225 FIRESTONE BLVD E</b>	<b>1/8 - 1/4 NE</b>	<b>K42</b>	<b>48</b>
<b>SHULTZ STEEL COMPANY</b>	<b>5321 FIRESTONE BLVD</b>	<b>1/4 - 1/2 NE</b>	<b>54</b>	<b>56</b>
<b>J &amp; J FORKLIFT SERVICE</b>	<b>8955 ATLANTIC AVE S</b>	<b>1/4 - 1/2 NW</b>	<b>O57</b>	<b>61</b>
<b>FIRE STATION #54</b>	<b>4867 SOUTHERN AVE</b>	<b>1/4 - 1/2 W</b>	<b>58</b>	<b>62</b>
<b>SHELL SERVICE STATION</b>	<b>8901 ATLANTIC AVE</b>	<b>1/4 - 1/2 NW</b>	<b>60</b>	<b>64</b>
<b>POZAS BROS. TRUCKING CO.</b>	<b>9833 ADELLA AVE</b>	<b>1/4 - 1/2 S</b>	<b>P61</b>	<b>65</b>
<b>POZAS BROS. TRUCKING CO.</b>	<b>9833 ADELLA AVE</b>	<b>1/4 - 1/2 S</b>	<b>P62</b>	<b>65</b>
<b>ARCO #1289</b>	<b>4861 FIRESTONE BLVD E</b>	<b>1/4 - 1/2 NW</b>	<b>63</b>	<b>67</b>
<b>GORDILLO'S ELECTRICAL SVC</b>	<b>5137 TWEEDY BLVD</b>	<b>1/4 - 1/2 SSW</b>	<b>Q64</b>	<b>69</b>
<b>ADOHR FARMS</b>	<b>9923 ATLANTIC AVE</b>	<b>1/4 - 1/2 SSW</b>	<b>R67</b>	<b>71</b>
<b>ADOHR FARMS</b>	<b>9923 ATLANTIC AVE</b>	<b>1/4 - 1/2 SSW</b>	<b>R68</b>	<b>72</b>

**UST:** The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 01/17/2002 has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>COOPER DRUM CO</b>	<b>9316 ATLANTIC AVE</b>	<b>1/8 - 1/4 W</b>	<b>D22</b>	<b>22</b>
<b>UNITED READY MIXED CONCRETE</b>	<b>4988 FIRESTONE BLVD</b>	<b>1/8 - 1/4 NNW</b>	<b>M48</b>	<b>52</b>
<b>CITY OF SOUTH GATE</b>	<b>4933 SOUTHERN AVE</b>	<b>1/8 - 1/4 WSW</b>	<b>N49</b>	<b>53</b>

**HIST UST:** Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 7 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<b>DOMAR PRECISION INC</b>	<b>5250 SOUTHERN AVENUE</b>	<b>1/8 - 1/4 SSE</b>	<b>21</b>	<b>19</b>

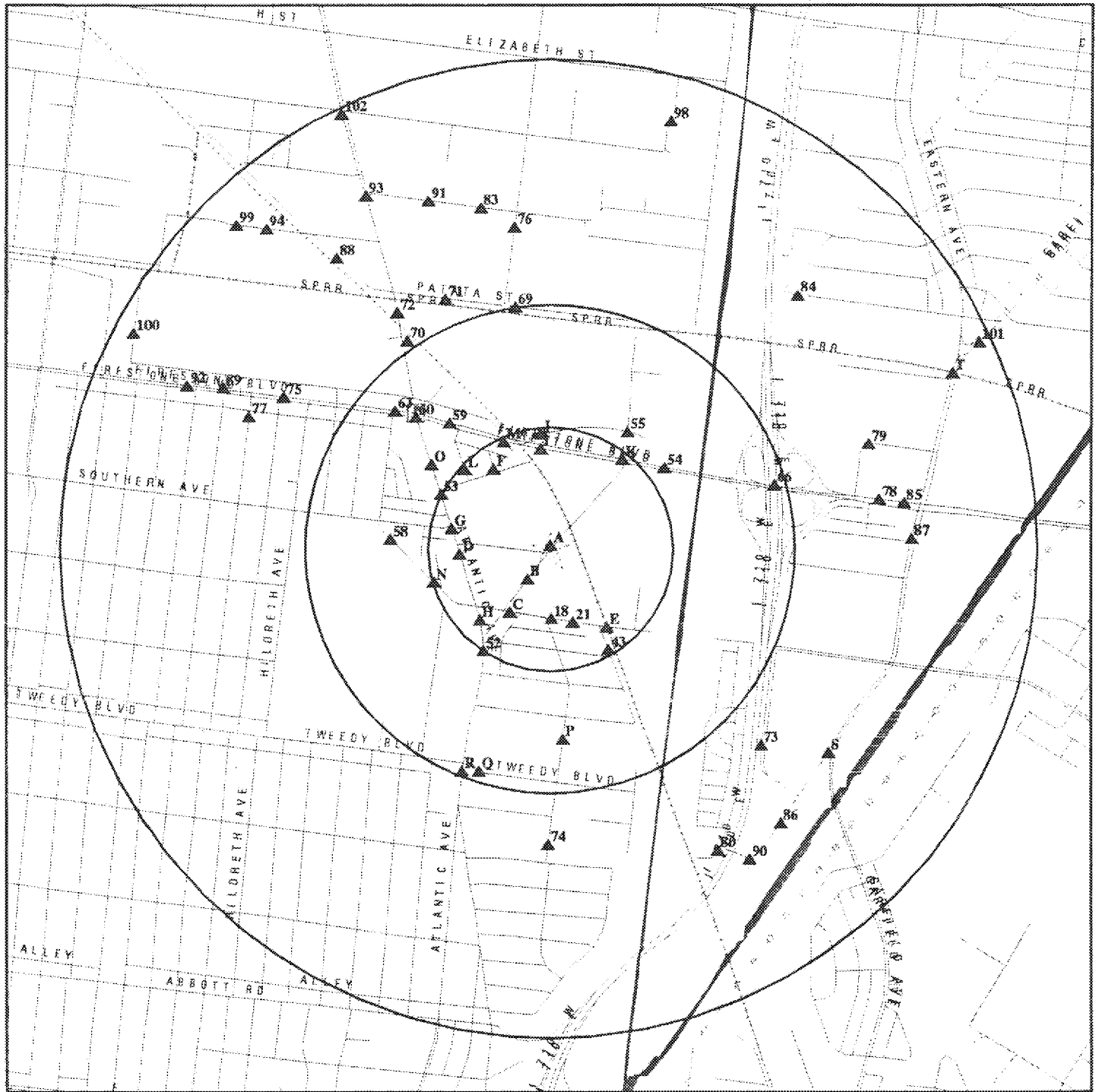
## EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>CITY OF SOUTH GATE</i>	<i>4933 SOUTHERN AVE</i>	<i>1/8 - 1/4 WSW N49</i>		<i>53</i>
SOUTHGATE POLICE DEPT	4933 SOUTHERN AVE	1/8 - 1/4 WSW N51		54
AUTOMOTIVE BALANCING SERVICE	9624 ATLANTIC	1/8 - 1/4 SSW 52		54

### EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

# OVERVIEW MAP - 746432.3s - Continental Placer, Inc.



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ★ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites
- Historical Gas Stations / Historical Dry Cleaners  
See the EDR Proprietary Historical Map Findings
- National Priority List Sites
- Landfill Sites

- Power transmission lines
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone

- Areas of Concern

TARGET PROPERTY: Macleod Metals, Inc.  
 ADDRESS: 9309 Rayo Avenue  
 CITY/STATE/ZIP: South Gate CA 90280  
 LAT/LONG: 33.9479 / 118.1784

CUSTOMER: Continental Placer, Inc.  
 CONTACT: N. Brown  
 INQUIRY #: 746432.3s  
 DATE: March 15, 2002 6:47 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL ASTM STANDARD</u></b>								
NPL		1.000	0	1	0	0	NR	1
Proposed NPL		1.000	0	1	0	0	NR	1
CERCLIS		0.500	1	1	2	NR	NR	4
CERC-NFRAP	X	0.250	0	1	NR	NR	NR	1
CORRACTS		1.000	0	0	0	1	NR	1
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	2	NR	NR	NR	2
RCRIS Sm. Quan. Gen.		0.250	3	8	NR	NR	NR	11
ERNS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE ASTM STANDARD</u></b>								
AWP		1.000	0	0	0	1	NR	1
Cal-Sites		1.000	0	2	0	4	NR	6
CHMIRS		1.000	2	0	1	3	NR	6
Cortese	X	1.000	1	4	6	28	NR	39
Notify 65		1.000	1	0	0	0	NR	1
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	1	1	0	NR	NR	2
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST	X	0.500	1	4	10	NR	NR	15
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST	X	0.250	0	3	NR	NR	NR	3
CA FID UST		0.250	0	0	NR	NR	NR	0
HIST UST	X	0.250	0	7	NR	NR	NR	7
<b><u>FEDERAL ASTM SUPPLEMENTAL</u></b>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
<b><u>STATE OR LOCAL ASTM SUPPLEMENTAL</u></b>								
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.250	0	0	NR	NR	NR	0

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**A1**        **MACLEOD METALS COMPANY**  
**Target**    **9309 RAYO AVENUE**  
**Property**   **SOUTH GATE, CA 90280**

**CERC-NFRAP**    **1003879860**  
**CAD983667916**

**Site 1 of 12 in cluster A**

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Non NPL Code:        NFRAP

Ownership Status:    Private

CERCLIS-NFRAP Assessment History:

Assessment:        DISCOVERY

Assessment:        PRELIMINARY ASSESSMENT

Federal Facility:    Not a Federal Facility

NPL Status:        Not on the NPL

Completed:        05/14/1993

Completed:        06/23/1995

**A2**        **MACLEAD METALS CO**  
**Target**    **9309 RAYO AVE**  
**Property**   **SOUTH GATE, CA 90280**

**LUST**    **U002287772**  
**Cortese**   **N/A**

**Site 2 of 12 in cluster A**

State LUST:

Cross Street:        ATLANTIC AVE.

Qty Leaked:        Not reported

Case Number        101890-08

Reg Board:        Los Angeles Region

Chemical:        Diesel

Lead Agency:        Local Agency

Local Agency :        19000

Case Type:        Soil only

Status:        Preliminary site assessment underway

County:        Los Angeles

Review Date:        Not reported

Workplan:        7/16/1990

Pollution Char:        Not reported

Remed Action:        Not reported

Close Date:        Not reported

Release Date:        7/16/1990

Cleanup Fund Id :        Not reported

Discover Date :        4/25/1990

Enforcement Dt :        1/1/1965

Enf Type:        IEA

Enter Date :        10/15/1990

Funding:        Federal Funds

Staff Initials:        Not reported

How Discovered:        Tank Closure

How Stopped:        Close Tank

Interim :        Not reported

Leak Cause:        Unknown

Leak Source:        Unknown

Local Case # :        Not reported

Beneficial:        Not reported

Staff :        JH

MTBE Date :        Not reported

MTBE Tested :        NRO

Max MTBE GW :        Not reported

GW Qualifies :        Not reported

Max MTBE Soil :        Not reported

Soil Qualifies :        Not reported

Hydr Basin # :        Not reported

Operator :        LAMBERT, WILLIAM

Oversight Prgm :        LIA

Confirm Leak:        Not reported

Prelim Assess:        7/16/1990

Remed Plan:        Not reported

Monitoring:        Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

MACLEOD METALS CO (Continued)

U001563676

Contact Name: WILLIAM A. LAMBERT Telephone: (213) 567-7767  
Total Tanks: 2 Region: STATE  
Facility Type: 2 Other Type: METALS PROCESSING

Facility ID: 41119  
Tank Num: 2 Container Num: 2  
Tank Capacity: 6000 Year Installed: 1981  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL Tank Construction: 1/4 inches  
Leak Detection: Stock Inventor

Contact Name: WILLIAM A. LAMBERT Telephone: (213) 567-7767  
Total Tanks: 2 Region: STATE  
Facility Type: 2 Other Type: METALS PROCESSING

State UST:  
Facility ID: 15534  
Total Tanks: 1  
Region: STATE  
Local Agency: 19000

A5 1X MCCLOUD METALS INC.  
Target 9309 RAYO AVE.  
Property SOUTH GATE, CA 90280

HAZNET S102827484  
N/A

Site 5 of 12 in cluster A

HAZNET:  
Gepaid: CAX000088559  
Tepaid: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 65.8860  
Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Contact: Not reported  
Telephone: (000) 000-0000  
Mailing Address: 9309 RAYO AVE.  
SOUTH GATE, CA 90280  
County Los Angeles

A6  
NE 9300 RAYO ST  
< 1/8 SOUTH GATE, CA 90280  
14  
Higher Site 6 of 12 in cluster A

CHMIRS S100216300  
N/A

CHMIRS:  
OES Control Number: 8802967 DOT ID: 1017  
DOT Hazard Class: Oxidizers and organic pesticides  
Chemical Name: CHLORINE  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: Not reported  
Environmental Contamination: Air Property Use: Manufacturing  
Incident Date: 19-SEP-88 Date Completed: 19-SEP-88



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

PUREX CORPORATION (Continued)

S103676540

Gepaid: CAD008295669  
Tepaid: AZD983476680  
Gen County: Los Angeles  
Tsd County: 99  
Tons: .3085  
Category: Polychlorinated biphenyls and material containing PCB's  
Disposal Method: Recycler  
Contact: PUREX INDUSTRIES INC  
Telephone: (000) 000-0000  
Mailing Address: 9300 RAYO AVE  
SOUTH GATE, CA 90280  
County: Los Angeles

The CA HAZNET database contains 4 additional records for this site.  
Please contact your EDR Account Executive for more information.

A8  
NE  
< 1/8  
14  
Higher  
DIAL CORP.  
9300 RAYO AVE.  
SOUTH GATE, CA 90280  
Site 8 of 12 in cluster A

Notify 65 S100178473  
N/A

NOTIFY 65:  
Date Reported: Not reported Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Incident Description: 90280-3613

A9  
NE  
< 1/8  
14  
Higher  
9300 RAYO  
SOUTH GATE, CA 90280  
Site 9 of 12 in cluster A

CHMIRS S100196270  
N/A

CHMIRS:  
OES Control Number: 9991759 DOT ID: 1831  
DOT Hazard Class: Miscellaneous hazardous material  
Chemical Name: OLEUM  
Extent of Release: Not reported  
CAS Number: Not reported Quantity Released: 40  
Environmental Contamination: Air Property Use: Industrial, Utility  
Incident Date: 27-MAY-88 Date Completed: 27-MAY-88

A10  
NE  
< 1/8  
14  
Higher  
PUREX CORP  
9300 RAYO AVE  
SOUTH GATE, CA 90280  
Site 10 of 12 in cluster A

RCRIS-SQG 1000225582  
FINDS CAD008295669  
TSCA  
LOS ANGELES CO. HMS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

WEBB, JERVIS B CO OF CALIFORNIA (Continued)

1000161420

RCRIS:

Owner: NOT REQUIRED  
(415) 555-1212  
  
Contact: ENVIRONMENTAL MANAGER  
(213) 588-8271

Record Date: 09/01/1996  
Classification: Small Quantity Generator  
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAD008339467  
Tepaid: CAD000088252  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .1175  
Category: Off-specification, aged, or surplus organics  
Disposal Method: Transfer Station  
Contact: JERVIS B WEBB COMPANY  
Telephone: (213) 588-8271  
Mailing Address: PO BOX 58885/4550 SEVILLE AVE  
LOS ANGELES, CA 90058  
County: Los Angeles

Gepaid: CAD008339467  
Tepaid: CAD008364432  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .3000  
Category: Other organic solids  
Disposal Method: Disposal, Land Fill  
Contact: JERVIS B WEBB COMPANY  
Telephone: (213) 588-8271  
Mailing Address: PO BOX 58885/4550 SEVILLE AVE  
LOS ANGELES, CA 90058  
County: Los Angeles

Gepaid: CAD008339467  
Tepaid: CAT080022148  
Gen County: Los Angeles  
Tsd County: San Bernardino  
Tons: .2085  
Category: Paint sludge  
Disposal Method: Transfer Station  
Contact: JERVIS B WEBB COMPANY  
Telephone: (213) 588-8271  
Mailing Address: PO BOX 58885/4550 SEVILLE AVE  
LOS ANGELES, CA 90058  
County: Los Angeles

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

PUREX RUBBISH DISPOSAL CO. (Continued)

S103340280

Inspection Frequency: Quarterly  
Landuse Name: Not reported  
GIS Source: Place  
Permit Status: Not reported  
Category: Disposal  
Unit Number: 01  
Last Waste Tire Inspection Count : 0  
Last Waste Tire Inspection Date: 0  
Original Waste Tire Count: Not reported  
Original Waste Tire Count Date: Not reported  
Closure Date: / /  
Closure Type: Not reported  
Disposal Acreage: 0  
Remaining Capacity: 0

B14  
SW  
< 1/8  
400  
Higher

ELG METALS WEST COAST INC  
9400 RAYO AVENUE  
SOUTH GATE, CA 90280

HAZNET S103962642  
N/A

Site 2 of 5 in cluster B

HAZNET:

Gepaid: CAL000145317  
Tepaid: CAD981696420  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 2.5020  
Category: Oil/water separation sludge  
Disposal Method: Transfer Station  
Contact: ELG HANIEL METALS CORPORATION  
Telephone: (412) 672-9200  
Mailing Address: 817 E GAGE AVE  
LOS ANGELES, CA 90001 - 1515  
County: Los Angeles  
Gepaid: CAL000145317  
Tepaid: CAD982484933  
Gen County: Los Angeles  
Tsd County: 7  
Tons: 1.0000  
Category: Empty containers less than 30 gallons  
Disposal Method: Recycler  
Contact: ELG HANIEL METALS CORPORATION  
Telephone: (412) 672-9200  
Mailing Address: 817 E GAGE AVE  
LOS ANGELES, CA 90001 - 1515  
County: Los Angeles  
Gepaid: CAL000145317  
Tepaid: CAD028409019  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 0.2359  
Category: Off-specification, aged, or surplus inorganics  
Disposal Method: Transfer Station  
Contact: ELG HANIEL METALS CORPORATION  
Telephone: (412) 672-9200  
Mailing Address: 817 E GAGE AVE  
LOS ANGELES, CA 90001 - 1515  
County: Los Angeles

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

ELG METALS WEST COAST INC. (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S104234399

County: Los Angeles  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 6/17/1998  
Release Date: 4/6/1998  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 6/22/1998  
Funding: Not reported  
Staff Initials: Not reported  
How Discovered: Not reported  
How Stopped: Not reported  
Interim: Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
Local Case #: Not reported  
Beneficial: Not reported  
Staff: JH  
MTBE Date: Not reported  
MTBE Tested: NRQ  
Max MTBE GW: Not reported  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: Not reported  
Oversight Prgm: LIA  
Priority: Not reported  
Review Date: 6/17/1998  
Stop Date: Not reported  
Work Suspended: Not reported  
Responsible Party: ELG METAL WEST COAST  
RP Address: 817 E. GAGE AVE., LOS ANGELES, CA 90001  
Global Id: T0603705519  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: Not reported  
Distance To LUST: 1695.1203506737290214638515588  
Waste Discharge Global ID: Not reported  
Waste Disch Assigned Name: Not reported

LUST Region 4:

Report Date: 4/6/1998  
Lead Agency: Local Agency  
Local Agency: 19000  
Case Number: R-25700  
Substance: 1  
Case Type: Soil  
Status: Signed off, remedial action completed or deemed unnecessary  
Region: 4  
Staff: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

BEST TAPE INC DBA SEAM MASTER IND (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S105091623

County SOUTH GATE, CA 90280 - 3695  
Los Angeles  
Gepaid: CAL000191334  
Tepaid: CAT080022148  
Gen County: Los Angeles  
Tsd County: San Bernardino  
Tons: .2293  
Category: Off-specification, aged, or surplus organics  
Disposal Method: Transfer Station  
Contact: SEAM MASTER-CORP  
Telephone: (323) 569-7171  
Mailing Address: 5211 SOUTHERN AVE  
SOUTH GATE, CA 90280 - 3695  
County Los Angeles  
Gepaid: CAL000191334  
Tepaid: CAT080022148  
Gen County: Los Angeles  
Tsd County: San Bernardino  
Tons: .1668  
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
Disposal Method: Transfer Station  
Contact: SEAM MASTER-CORP  
Telephone: (323) 569-7171  
Mailing Address: 5211 SOUTHERN AVE  
SOUTH GATE, CA 90280 - 3695  
County Los Angeles  
Gepaid: CAL000191334  
Tepaid: CAT080022148  
Gen County: Los Angeles  
Tsd County: San Bernardino  
Tons: .2293  
Category: Adhesives  
Disposal Method: Transfer Station  
Contact: SEAM MASTER-CORP  
Telephone: (323) 569-7171  
Mailing Address: 5211 SOUTHERN AVE  
SOUTH GATE, CA 90280 - 3695  
County Los Angeles

The CA HAZNET database contains 2 additional records for this site.  
Please contact your EDR Account Executive for more information.

C19 LA USD TWEEDY EL  
SSW 5115 SOUTHERN AVE  
1/8-1/4 SOUTH GATE, CA 90280  
806  
Higher Site 1 of 2 in cluster C

RCRIS-SQG 1000427644  
FINDS CAD981625890

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

DOMAR PRECISION INC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000154417

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	05/04/1994
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	Not reported

There are 1 violation record(s) reported at this site:

Evaluation  
Compliance Evaluation Inspection (CEI)

Area of Violation  
Generator-All Requirements

Date of  
Compliance

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid:	CAD008348393
Tepaid:	CAD000088252
Gen County:	Los Angeles
Tsd County:	Los Angeles
Tons:	3.3060
Category:	Other inorganic solid waste
Disposal Method:	Transfer Station
Contact:	ERNEST & EVELYN RUFFALO
Telephone:	(000) 000-0000
Mailing Address:	5250 SOUTHERN AVE SOUTH GATE, CA 90280 - 3621
County	Los Angeles
Gepaid:	CAD008348393
Tepaid:	CAD093459485
Gen County:	Los Angeles
Tsd County:	Fresno
Tons:	.0583
Category:	Organic liquids with metals Alkaline solution (pH <UN-> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)
Disposal Method:	Transfer Station
Contact:	ERNEST & EVELYN RUFFALO
Telephone:	(000) 000-0000
Mailing Address:	5250 SOUTHERN AVE SOUTH GATE, CA 90280 - 3621
County	Los Angeles

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

DOMAR PRECISION INC (Continued)

1000154417

Tank Num:	4	Container Num:	4
Tank Capacity:	525	Year Installed:	1985
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	1/4INCH inches
Leak Detection:	Visual		
Contact Name:	PARTNERSHIP	Telephone:	(213) 564-4414
Total Tanks:	6	Region:	STATE
Facility Type:	2	Other Type:	CHROMEPLATING
Facility ID:	47364		
Tank Num:	5	Container Num:	5
Tank Capacity:	810	Year Installed:	1960
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	1/4INCH inches
Leak Detection:	Visual		
Contact Name:	PARTNERSHIP	Telephone:	(213) 564-4414
Total Tanks:	6	Region:	STATE
Facility Type:	2	Other Type:	CHROMEPLATING
Facility ID:	47364		
Tank Num:	6	Container Num:	6
Tank Capacity:	150	Year Installed:	1960
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	1/4INCH inches
Leak Detection:	Visual		
Contact Name:	PARTNERSHIP	Telephone:	(213) 564-4414
Total Tanks:	6	Region:	STATE
Facility Type:	2	Other Type:	CHROMEPLATING

D22 COOPER DRUM CO  
West 9316 ATLANTIC AVE  
1/8-1/4 SOUTH GATE, CA 90280  
981  
Higher Site 1 of 4 in cluster D

CERCLIS 1000346316  
FINDS CAD055753370  
NPL  
RCRIS-LQG  
Proposed NPL  
UST  
Cal-Sites  
HIST UST  
Cortese  
LOS ANGELES CO. HMS

CERCLIS Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Non NPL Status:	Not reported		
Ownership Status:	Private	NPL Status:	Currently on the Final NPL
Contact:	Elizabeth Adams	Contact Tel:	(415) 744-2235
Contact Title:	Not reported		
Contact:	Eric Yunker	Contact Tel:	(415) 744-2217
Contact Title:	Not reported		

CERCLIS Assessment History:

Assessment:	DISCOVERY	Completed:	01/01/1988
Assessment:	PRELIMINARY ASSESSMENT	Completed:	05/01/1988
Assessment:	SITE INSPECTION	Completed:	05/02/1989
Assessment:	EXPANDED SITE INSPECTION	Completed:	07/02/1990
Assessment:	PROPOSAL TO NPL	Completed:	02/07/1992
Assessment:	REMOVAL ASSESSMENT	Completed:	10/22/1992
Assessment:	PROPOSAL TO NPL	Completed:	01/11/2001
Assessment:	FINAL LISTING ON NPL	Completed:	06/14/2001

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

COOPER DRUM CO (Continued)

1000346316

FE Scoring:            Not reported  
NPL Status:            Final  
Substance Id:          U043  
Case Num:              108-05-4  
Substance :            VINYL CHLORIDE  
Pathway :              GW  
GW Scoring :           Observed Release & Toxicity  
SW Scoring :           Not reported  
Air Scoring:           Not reported  
Soil Scoring:           Not reported  
DC Scoring:           Not reported  
FE Scoring:           Not reported

NPL Status:            Final  
Substance Id:          U076  
Case Num:              72-54-8  
Substance :            DICHLOROETHANE, 1,1-  
Pathway :              GW  
GW Scoring :           Observed Release  
SW Scoring :           Not reported  
Air Scoring:           Not reported  
Soil Scoring:           Not reported  
DC Scoring:           Not reported  
FE Scoring:           Not reported

NPL Status:            Final  
Substance Id:          U077  
Case Num:              107-06-2  
Substance :            DICHLOROETHANE, 1,2-  
Pathway :              GW  
GW Scoring :           Observed Release  
SW Scoring :           Not reported  
Air Scoring:           Not reported  
Soil Scoring:           Not reported  
DC Scoring:           Not reported  
FE Scoring:           Not reported

NPL Status:            Final  
Substance Id:          U078  
Case Num:              75-35-4  
Substance :            DICHLOROETHENE, 1,1-  
Pathway :              GW  
GW Scoring :           Observed Release  
SW Scoring :           Not reported  
Air Scoring:           Not reported  
Soil Scoring:           Not reported  
DC Scoring:           Not reported  
FE Scoring:           Not reported

NPL Status:            Final  
Substance Id:          U210  
Case Num:              79-34-5  
Substance :            TETRACHLOROETHENE  
Pathway :              GW  
GW Scoring :           Observed Release  
SW Scoring :           Not reported  
Air Scoring:           Not reported  
Soil Scoring:           Not reported  
DC Scoring:           Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

Database(s)

COOPER DRUM CO (Continued)

1000346316

NPL Status: Final  
Category Description: SURFACE WATER ADJACENT TO SITE-Other Unknown  
Category Value: Not reported

RCRIS:

Owner: ARTHUR AND VIOLA COOPER  
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER  
(213) 566-6103

Record Date: 09/01/1996  
Classification: Large Quantity Generator  
Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated: Not reported  
Area of Violation: Generator-All Requirements  
Date Violation Determined: 09/29/1999  
Priority of Violation: Low  
Schedule Date to Achieve Compliance: Not reported  
Actual Date Achieved Compliance: Not reported

There are 1 violation record(s) reported at this site:

Evaluation: Compliance Evaluation Inspection (CEI)  
Area of Violation: Generator-All Requirements

Date of  
Compliance

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
AIRS Facility System (AIRS/AFS)  
Biennial Reporting System (BRS)  
Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)  
Facility Registry System (FRS)  
National Emissions Trends (NET)  
National Toxics Inventory (NTI)  
Permit Compliance System (PCS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

CAL-SITES:

Facility ID: 19500052  
Status: REFR - DOES NOT REQUIRE DTSC ACTION. REFERRED TO RESOURCE CONSERVATION  
AND RECOVERY ACT (RCRA) LEAD  
Status Date: 12/12/1996  
Lead: EPA  
Region: 3 - BURBANK  
Branch: SB - SOUTHERN CA. - B  
File Name: Not reported  
Status Name: PROPERTY/SITE REFERRED TO RCRA  
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY Not reported  
NPL: Proposed  
SIC: 50 WHOLESALE TRADE - DURABLE GOODS  
Facility Type: NPL SITE, RP-FUNDED  
Type Name: NPRP  
Staff Member Responsible for Site: Not reported  
Supervisor Responsible for Site: GHOLMES  
Region Water Control Board: LA - LOS ANGELES  
Access: Controlled

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EOR ID Number  
EPA ID Number

CONSOLIDATED DRUM RECONDITIONING CO (Continued)

1001830220

HAZNET:

Gepaid: CAL000145881  
Tepaid: CAD050099696  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 13.8861  
Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Contact: CORPORATION  
Telephone: (213) 887-6131  
Mailing Address: PO BOX 2067  
MONTEBELLO, CA 90640  
County: Los Angeles

Gepaid: CAL000145881  
Tepaid: CAT000646117  
Gen County: Los Angeles  
Tsd County: Kings  
Tons: 71.6380  
Category: Tank bottom waste  
Disposal Method: Disposal, Land Fill  
Contact: CORPORATION  
Telephone: (213) 887-6131  
Mailing Address: PO BOX 2067  
MONTEBELLO, CA 90640  
County: Los Angeles

Gepaid: CAL000145881  
Tepaid: CAT080031628  
Gen County: Los Angeles  
Tsd County: Kern  
Tons: 14,1780  
Category: Unspecified solvent mixture Waste  
Disposal Method: Recycler  
Contact: CORPORATION  
Telephone: (213) 887-6131  
Mailing Address: PO BOX 2067  
MONTEBELLO, CA 90640  
County: Los Angeles

Gepaid: CAL000145881  
Tepaid: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 99.0207  
Category: Oil/water separation sludge  
Disposal Method: Recycler  
Contact: CORPORATION  
Telephone: (213) 887-6131  
Mailing Address: PO BOX 2067  
MONTEBELLO, CA 90640  
County: Los Angeles

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

WAYMIRE DRUM COMPANY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S100948162

County SOUTH GATE, CA 90280  
Los Angeles  
Gepaid: CAD055753370  
Tepaid: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 58.0255  
Category: Oil/water separation sludge  
Disposal Method: Recycler  
Contact: WAYMIRE DRUM COMPANY INC.  
Telephone: (000) 000-0000  
Mailing Address: 9316 S ATLANTIC AVE  
SOUTH GATE, CA 90280  
County Los Angeles  
Gepaid: CAD055753370  
Tepaid: CAT080031628  
Gen County: Los Angeles  
Tsd County: Kern  
Tons: 19.3905  
Category: Unspecified solvent mixture Waste  
Disposal Method: Recycler  
Contact: WAYMIRE DRUM COMPANY INC.  
Telephone: (000) 000-0000  
Mailing Address: 9316 S ATLANTIC AVE  
SOUTH GATE, CA 90280  
County Los Angeles

The CA HAZNET database contains 46 additional records for this site.  
Please contact your EDR Account Executive for more information.

D25  
West  
1/8-1/4  
981  
Higher

WAYMIRE DRUM CO. INC DBA COOPER DRUM  
9316 S. ATLANTIC AVE.  
SOUTH GATE, CA 90280  
Site 4 of 4 in cluster D

HAZNET S103995180  
N/A

HAZNET:  
Gepaid: CAL000820010  
Tepaid: CAT000646117  
Gen County: Los Angeles  
Tsd County: Kings  
Tons: 33.7120  
Category: Paint sludge  
Disposal Method: Not reported  
Contact: Not reported  
Telephone: (000) 000-0000  
Mailing Address: 9316 ATLANTIC AVE # S  
SOUTH GATE, CA 90280 - 3523  
County Los Angeles

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

**BELL FOUNDRY CO (Continued)**

EDR ID Number  
EPA ID Number

1000274216

Used Oil Recyc: No

Violation Status: No violations found

**FINDS:**

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)  
National Compliance Database (NCDB)  
National Emissions Trends (NET)  
National Toxics Inventory (NTI)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

**State LUST:**

Cross Street: SALT LAKE AVE  
Qty Leaked: Not reported  
Case Number: R-11417  
Reg Board: Los Angeles Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 19000  
Case Type: Soil only  
Status: Leak being confirmed  
County: Los Angeles  
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site  
Review Date: 10/8/1998  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 10/8/1998  
Cleanup Fund Id : Not reported  
Discover Date : 10/8/1998  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : Not reported  
Funding: Not reported  
Staff Initials: Not reported  
How Discovered: Repair Tank  
How Stopped: Other Means  
Interim : Not reported  
Leak Cause: Unknown  
Leak Source: Tank  
Local Case # : Not reported  
Beneficial: Not reported  
Staff : JH  
MTBE Date : Not reported  
MTBE Tested : NT  
Max MTBE GW : Not reported  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm : LIA  
Priority : Not reported  
Review Date : 10/8/1998  
Stop Date : 10/8/1998

Confirm Leak: 10/8/1998  
Prelim Assess: Not reported  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

BELL FOUNDRY CO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000274216

Gepaid: CAD008345100  
Tepaid: CAT000613976  
Gen County: Los Angeles  
Tsd County: Orange  
Tons: .4001  
Category: Liquids with halogenated organic compounds > 1000 mg/l  
Disposal Method: Transfer Station  
Contact: JAMES H DEWALD  
Telephone: (213) 564-5701  
Mailing Address: PO BOX 1070  
SOUTH GATE, CA 90280 - 1070  
County: Los Angeles

Gepaid: CAD008345100  
Tepaid: CAT080033681  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .2293  
Category: Unspecified oil-containing waste  
Disposal Method: Not reported  
Contact: JAMES H DEWALD  
Telephone: (213) 564-5701  
Mailing Address: PO BOX 1070  
SOUTH GATE, CA 90280 - 1070  
County: Los Angeles

Gepaid: CAD008345100  
Tepaid: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 3.1692  
Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Contact: JAMES H DEWALD  
Telephone: (213) 564-5701  
Mailing Address: PO BOX 1070  
SOUTH GATE, CA 90280 - 1070  
County: Los Angeles

The CA HAZNET database contains 42 additional records for this site.  
Please contact your EDR Account Executive for more information.

HMS:

Facility Id: 011380-011417  
Facility Type: T0  
Permit Number: 00002943T  
Facility Status: Removed  
Region: Los Angeles County  
Permit Status: Removed  
Area: 2J

UST HIST:

Facility ID: 41502  
Tank Num: 1  
Tank Capacity: 2000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Leak Detection: None  
Contact Name: Not reported  
Total Tanks: 3  
Facility Type: 2  
Container Num: #3  
Year Installed: Not reported  
Tank Construction: Not reported  
Telephone: (213) 564-5701  
Region: STATE  
Other Type: MANUFACTURING

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

BLACKBURN TRUCK LINES (Continued)

1000173120

Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor	Telephone:	(213) 564-3394
Contact Name:	LEE GLAVIN	Region:	STATE
Total Tanks:	3	Other Type:	TRUCK YARD
Facility Type:	2		
Facility ID:	3051		
Tank Num:	3	Container Num:	3
Tank Capacity:	10000	Year Installed:	1980
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor	Telephone:	(213) 564-3394
Contact Name:	LEE GLAVIN	Region:	STATE
Total Tanks:	3	Other Type:	TRUCK YARD
Facility Type:	2		

F28  
NW  
1/8-1/4  
1071  
Higher

MCLEOD METALS  
8980 KENDALL AVE  
SOUTH GATE, CA 90280  
Site 2 of 3 in cluster F

LUST  
Cortese  
LOS ANGELES CO. HMS  
U002288088  
N/A

State LUST:

Cross Street:	BRANYON AVE.		
Qty Leaked:	Not reported		
Case Number	012491-34		
Reg Board:	Los Angeles Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	12/10/1991		
Release Date:	1/15/1991		
Cleanup Fund Id :	Not reported		
Discover Date :	1/7/1991		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	1/24/1991		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	JH		
MTBE Date :	Not reported		
MTBE Tested :	NT		
Max MTBE GW :	Not reported		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CARTER CASTING CO INC (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000401437

RCRIS:

Owner: SAMUEL N SHIM  
(415) 555-1212  
Contact: ENVIRONMENTAL MANAGER  
(213) 566-5249

Record Date: 09/09/1986  
Classification: Small Quantity Generator  
Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAD008345282  
Tepaid: CAT080033681  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .0450  
Category: Baghouse waste  
Disposal Method: Disposal, Other  
Contact: Not reported  
Telephone: (000) 000-0000  
Mailing Address: 9220 ATLANTIC AVE  
SOUTH GATE, CA 90280  
County: Los Angeles

H30  
SW  
1/8-1/4  
1081  
Higher

SOUTH GATE TIRE  
9511 ATLANTIC AVE S  
SOUTH GATE, CA 90280  
Site 1 of 2 in cluster H

LUST  
Cortese  
LOS ANGELES CO. HMS  
S102061535  
N/A

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 060295-21  
Reg Board: Los Angeles Region  
Chemical: Diesel  
Lead Agency: Local Agency  
Local Agency : 19000  
Case Type: Soil only  
Status: Preliminary site assessment workplan submitted  
County: Los Angeles  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 2/22/1994  
Cleanup Fund Id : Not reported  
Discover Date : 5/8/1990  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 6/2/1995  
Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

H31 D.B.A. CITY TIRE SERVICE  
SW 9511 ATLANTIC AVE  
1/8-1/4 SOUTH GATE, CA 90280  
1081  
Higher Site 2 of 2 in cluster H

Database(s)  
EOR ID Number  
EPA ID Number

HIST UST U001563644  
N/A

UST HIST:

Facility ID: 61289  
Tank Num: 1 Container Num: 1  
Tank Capacity: 1000 Year Installed: Not reported  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL Tank Construction: Not reported  
Leak Detection: Stock Inventor  
Contact Name: PAT K. WATERS Telephone: (213) 564-5797  
Total Tanks: 4 Region: STATE  
Facility Type: 1 Other Type: Not reported

Facility ID: 61289  
Tank Num: 2 Container Num: 2  
Tank Capacity: 4000 Year Installed: Not reported  
Tank Used for: PRODUCT Tank Construction: Not reported  
Type of Fuel: REGULAR  
Leak Detection: Stock Inventor  
Contact Name: PAT K. WATERS Telephone: (213) 564-5797  
Total Tanks: 4 Region: STATE  
Facility Type: 1 Other Type: Not reported

Facility ID: 61289  
Tank Num: 3 Container Num: 3  
Tank Capacity: 4000 Year Installed: Not reported  
Tank Used for: PRODUCT Tank Construction: Not reported  
Type of Fuel: UNLEADED  
Leak Detection: Stock Inventor  
Contact Name: PAT K. WATERS Telephone: (213) 564-5797  
Total Tanks: 4 Region: STATE  
Facility Type: 1 Other Type: Not reported

Facility ID: 61289  
Tank Num: 4 Container Num: 4  
Tank Capacity: 0 Year Installed: Not reported  
Tank Used for: WASTE Tank Construction: Not reported  
Type of Fuel: WASTE OIL  
Leak Detection: Stock Inventor  
Contact Name: PAT K. WATERS Telephone: (213) 564-5797  
Total Tanks: 4 Region: STATE  
Facility Type: 1 Other Type: Not reported

G32 DOMAR PRECISION, INC.  
WNW 9210 ATLANTIC AVE  
1/8-1/4 SOUTH GATE, CA 90280  
1092  
Higher Site 2 of 2 in cluster G

HAZNET S104572397  
N/A



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

JERVIS B WEBB COMPANY (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S104573921

County Los Angeles  
Gepaid: CAD063798995  
Tepaid: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 11.259  
Category: Unspecified aqueous solution  
Disposal Method: Recycler  
Contact: JERVIS B WEBB COMPANY  
Telephone: (248) 553-1000  
Mailing Address: 34375 WEST TWELVE MILE RD  
FARMINGTON, CA 48331  
County Los Angeles  
Gepaid: CAD063798995  
Tepaid: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 3.4402  
Category: Unspecified aqueous solution  
Disposal Method: Recycler  
Contact: JERVIS B WEBB COMPANY  
Telephone: (248) 553-1000  
Mailing Address: 34375 WEST TWELVE MILE RD  
FARMINGTON, CA 48331  
County Los Angeles

I35  
North  
1/8-1/4  
1097  
Higher

WEBB FIRESTONE BLVD PROPERTY  
5030 FIRESTONE BLVD  
SOUTH GATE, CA 90280  
Site 3 of 3 in cluster I

FINDS 1000268295  
RCRIS-LOG CAD063798995

RCRIS:  
Owner: JERVIS B WEBB CO OF CA  
(248) 553-1000  
Contact: Not reported  
Record Date: 09/15/1999  
Classification: Large Quantity Generator  
Used Oil Recyc: No  
Violation Status: No violations found

FINDS:  
Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

F36  
NW  
1/8-1/4  
1125  
Higher

SPANN S GEAR AND MACHINE CO  
4977 BRANYON AVE  
SOUTH GATE, CA 90280  
Site 3 of 3 in cluster F

RCRIS-SQG 1000317418  
FINDS CAD981443690

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

E38 CALIFORNIA ALABAMA PIPE CO CERC-NFRAP 1003878465  
SE 5335 SOUTHERN AVE  
1/8-1/4 SOUTH GATE, CA 90280 CAD980636302  
1128  
Higher

Site 3 of 3 in cluster E

CERCLIS-NFRAP Classification Data:

Site Incident Category: Not reported

Federal Facility: Not a Federal Facility

Non NPL Code: NFRAP

Ownership Status: Unknown

NPL Status: Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment: DISCOVERY

Completed: 06/01/1981

Assessment: PRELIMINARY ASSESSMENT

Completed: 09/01/1984

J39 DSL TRANSPORTATION SERVICE  
North 5011 FIRESTONE PL  
1/8-1/4 SOUTH GATE, CA 90280  
1219  
Higher

RCRIS-SQG 1000134640  
FINDS CAD982350472  
HAZNET

Site 1 of 3 in cluster J

RCRIS:

Owner: DSL TRANSPORTATION  
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER  
(213) 567-1096

Record Date: 10/21/1987

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Facility Registry System (FRS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

HAZNET:

Gepaid: CAD982350472

Tepaid: CAD050099696

Gen County: Los Angeles

Tsd County: Los Angeles

Tons: .6255

Category: Aqueous solution with less than 10% total organic residues

Disposal Method: Recycler

Contact: COBB GRANTHAM CORP MGR

Telephone: (323) 563-7761

Mailing Address: 5011 FIRESTONE PL  
SOUTH GATE, CA 90280 - 3533

County: Los Angeles

Gepaid: CAD982350472

Tepaid: CAD000088252

Gen County: Los Angeles

Tsd County: Los Angeles

Tons: .4587

Category: Paint sludge

Disposal Method: Transfer Station

Contact: COBB GRANTHAM CORP MGR

Telephone: (323) 563-7761

Mailing Address: 5011 FIRESTONE PL  
SOUTH GATE, CA 90280 - 3533

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

PRODUCTIVITY CALIFORNIA INC. (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S102822171

Mailing Address: 9001 RAYO AVE  
SOUTH GATE, CA 90280  
County Los Angeles

J41 EASTMAN KODAK  
North 5011 FIRESTONE PL  
1/8-1/4 SOUTHGATE, CA 90280  
1228  
Higher Site 2 of 3 in cluster J

HAZNET S105083586  
N/A

HAZNET:  
Gepaid: CAC001438648  
Tepaid: CAD008364432  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .0075  
Category: Other organic solids  
Disposal Method: Disposal, Land Fill  
Contact: EASTMAN KODAK  
Telephone: (716) 781-0063  
Mailing Address: 1600 LEXINGTON AVE BLDG 605  
ROCHESTER, NY 14650  
County Los Angeles

K42 REINSER METALS INC  
NE 5225 FIRESTONE BLVD E  
1/8-1/4 SOUTH GATE, CA 90280  
1246  
Higher Site 2 of 2 in cluster K

LUST S102435784  
Cortese N/A

State LUST:  
Cross Street: LONG BEACH FWY  
Qty Leaked: Not reported  
Case Number: I-14134  
Reg Board: Los Angeles Region  
Chemical: Waste Oil  
Lead Agency: Local Agency  
Local Agency: 19000  
Case Type: Soil only  
Status: Signed off, remedial action completed or deemed unnecessary  
County: Los Angeles  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: 3/6/1990  
Remed Action: Not reported  
Close Date: 6/7/1993  
Release Date: 3/6/1990  
Cleanup Fund Id: Not reported  
Discover Date: 9/26/1989  
Enforcement Dt: Not reported  
Ent Type: Not reported  
Enter Date: 3/5/1990  
Funding: Not reported  
Staff Initials: Not reported  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: Not reported  
Leak Cause: Unknown  
Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: 3/6/1990  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

SALT LAKE TRANSFER STATION (Continued)

S102360717

8650 California Avenue  
South Gate, CA 90280  
Owner Telephone: (213) 563-9590  
Activity: Small Volume Transfer Station  
Operator's Status: Active  
Regulation Status: Permitted  
Region: STATE  
Lat/Long: 34 / -118  
Permit Date: 2/8/1996  
Accepted Waste: Green Materials,Mixed municipal  
Permitted Throughput with Units: 99  
Permitted Throughput with Units: 99  
Permitted Throughput with Units: 99  
Actual Throughput with Units: Cu Yards/day  
Actual Capacity with Units: 100  
Permitted Capacity with Units: 100  
Remaining Capacity with Units: Cubic Yards  
Permitted Total Acreage: 0  
Inspection Frequency: Monthly  
Landuse Name: Residential,Industrial  
GIS Source: Map  
Permit Status: Permitted  
Category: Transfer/Processing  
Unit Number: 01  
Last Waste Tire Inspection Count : 0  
Last Waste Tire Inspection Date: Not reported  
Original Waste Tire Count: 0  
Original Waste Tire Count Date: Not reported  
Closure Date: / /  
Closure Type: Not reported  
Disposal Acreage: Not reported  
Remaining Capacity: Not reported

J44 ENGINE PARTS & MACHINE SHOP  
North 5036 FIRESTONE PL  
1/8-1/4 SOUTH GATE, CA 90280  
1260  
Higher Site 3 of 3 in cluster J

HAZNET S103962863  
N/A

HAZNET:  
Gepaid: CAL000195671  
Tepaid: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .7089  
Category: Oil/water separation sludge  
Disposal Method: Recycler  
Contact: ALLY CONTRERAS  
Telephone: (323) 569-5495  
Mailing Address: 5036 FIRESTONE PL  
SOUTH GATE, CA 90280  
County Los Angeles

L45 APS MANUFACTURING  
NW 8977 LOTTA AVE  
1/8-1/4 SOUTH GATE, CA 90280  
1268  
Higher Site 1 of 2 in cluster L

HAZNET S103950458  
N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

UNITED READY MIXED CONCRETE (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S100876789

Gepaid: CAL000045393  
Tepaid: CAD981696420  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 1.2301  
Category: Unspecified oil-containing waste  
Disposal Method: Not reported  
Contact: UNITED BUILDING MATERIALS  
Telephone: (000) 000-0000  
Mailing Address: PO BOX 1608  
BALDWIN PARK, CA 91706  
County: Los Angeles

Gepaid: CAL000045393  
Tepaid: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .4170  
Category: Unspecified oil-containing waste  
Disposal Method: Recycler  
Contact: UNITED BUILDING MATERIALS  
Telephone: (000) 000-0000  
Mailing Address: PO BOX 1608  
BALDWIN PARK, CA 91706  
County: Los Angeles

HMS:

Facility Id: 011824-029605  
Facility Type: Not reported  
Permit Number: Not reported  
Facility Status: OPEN  
Region: Los Angeles County:

Permit Status: Not reported  
Area: 2J

Facility Id: 011824-011891  
Facility Type: T0  
Permit Number: 00003467T  
Facility Status: Permit  
Region: Los Angeles County:

Permit Status: Permit  
Area: 2J

M48  
NNW  
1/8-1/4  
1274  
Higher

UNITED READY MIXED CONCRETE  
4986 FIRESTONE BLVD  
SOUTH GATE, CA 90280

UST U001563710  
HIST UST N/A

Site 2 of 2 in cluster M

UST HIST:

Facility ID: 20473  
Tank Num: 1  
Tank Capacity: 10000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Leak Detection: Stock Inventor  
Contact Name: T.S. TEDESCO  
Total Tanks: 2  
Facility Type: 2

Container Num: 1  
Year Installed: Not reported  
Tank Construction: Not reported  
Telephone: (213) 564-1866  
Region: STATE  
Other Type: CONCRETE PLANT

Facility ID: 20473  
Tank Num: 2  
Tank Capacity: 10000

Container Num: 2  
Year Installed: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

CITY OF SOUTH GATE (Continued)

Local Agency: 19000

EDR ID Number  
EPA ID Number

Database(s)

1000455482

N50  
WSW  
1/8-1/4  
1310  
Higher

PARK MAINTENANCE YARD  
4933 SOUTHERN AVE  
SOUTH GATE, CA 90280  
Site 2 of 3 in cluster N

HIST UST U001563680  
N/A

UST HIST:

Facility ID:	34084	Container Num:	4
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	1000	Tank Construction:	Not reported
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR		
Leak Detection:	Visual, Stock Inventor		
Contact Name:	BOB GIRARDIN	Telephone:	(213) 563-9543
Total Tanks:	1	Region:	STATE
Facility Type:	2	Other Type:	MAINTENANCE YARD

N51  
WSW  
1/8-1/4  
1310  
Higher

SOUTHGATE POLICE DEPT  
4933 SOUTHERN AVE  
SOUTH GATE, CA 90280  
Site 3 of 3 in cluster N

HAZNET S103988752  
N/A

HAZNET:

Gepaid: CAC001410944  
Tepaid: CAD028409019  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 1.0425  
Category: Aqueous solution with less than 10% total organic residues  
Disposal Method: Treatment, Tank  
Contact: SOUTHGATE POLICE DEPT  
Telephone: (000) 000-0000  
Mailing Address: 4244 SANTA ANA ST  
SOUTH GATE, CA 90280  
County: Los Angeles

52  
SSW  
1/8-1/4  
1311  
Higher

AUTOMOTIVE BALANCING SERVICE  
9624 ATLANTIC  
SOUTH GATE, CA 90280

HAZNET S103677340  
N/A

HAZNET:

Gepaid: CAL922975273  
Tepaid: CAD982444481  
Gen County: Los Angeles  
Tsd County: San Bernardino  
Tons: .2000  
Category: Off-specification, aged, or surplus inorganics  
Disposal Method: Transfer Station  
Contact: ANAN WELCH  
Telephone: (213) 564-6846  
Mailing Address: 9624 ATLANTIC AVE  
SOUTH GATE, CA 90280 - 5215  
County: Los Angeles

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

54  
NE  
1/4-1/2  
1513  
Higher

SHULTZ STEEL COMPANY  
5321 FIRESTONE BLVD  
SOUTH GATE, CA 90280

Database(s)  
EDR ID Number  
EPA ID Number

FINDS 1000292834  
RCRIS-LOG CAD981397276  
UST  
HIST UST  
LUST  
HAZNET  
LOS ANGELES CO. HMS

RCRIS:

Owner: GORDON M SHULTZ  
(415) 555-1212  
Contact: ENVIRONMENTAL MANAGER  
(213) 564-3281

Record Date: 09/01/1998  
Classification: Large Quantity Generator  
Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated: Not reported  
Area of Violation: Generator-All Requirements  
Date Violation Determined: 03/16/2000  
Priority of Violation: Low  
Schedule Date to Achieve Compliance: Not reported  
Actual Date Achieved Compliance: Not reported

There are 1 violation record(s) reported at this site:

Evaluation  
Compliance Evaluation Inspection (CEI)

Area of Violation  
Generator-All Requirements

Date of  
Compliance

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
AIRS Facility System (AIRS/AFS)  
Facility Registry System (FRS)  
National Emissions Trends (NET)  
Resource Conservation and Recovery Act Information system (RCRAINFO)  
Toxic Chemical Release Inventory System (TRIS)

State LUST:

Cross Street: RAYO AVE  
Qty Leaked: Not reported  
Case Number: R-11678  
Reg Board: Los Angeles Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 19000  
Case Type: Soil only  
Status: Preliminary site assessment underway  
County: Los Angeles  
Abate Method: Other Means  
Review Date: Not reported  
Workplan: 8/16/2000  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 8/16/2000  
Cleanup Fund Id: Not reported  
Discover Date: 11/24/1999

Confirm Leak: Not reported  
Prelim Assess: 8/16/2000  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

SHULTZ STEEL COMPANY (Continued)

1000292834

HAZNET:

Gepaid: CAD981397276  
Tepaid: CAD981696420  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 6.8805  
Category: Waste oil and mixed oil  
Disposal Method: Not reported  
Contact: SHULTZ STEEL COMPANY  
Telephone: (213) 564-3281  
Mailing Address: 5321 FIRESTONE BLVD  
SOUTH GATE, CA 90280 - 3629

County Los Angeles

Gepaid: CAD981397276  
Tepaid: CAD981696420  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 20.4330  
Category: Waste oil and mixed oil  
Disposal Method: Transfer Station  
Contact: SHULTZ STEEL COMPANY  
Telephone: (213) 564-3281  
Mailing Address: 5321 FIRESTONE BLVD  
SOUTH GATE, CA 90280 - 3629

County Los Angeles

Gepaid: CAD981397276  
Tepaid: CAT080013352  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 6.2550  
Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Contact: SHULTZ STEEL COMPANY  
Telephone: (213) 564-3281  
Mailing Address: 5321 FIRESTONE BLVD  
SOUTH GATE, CA 90280 - 3629

County Los Angeles

Gepaid: CAD981397276  
Tepaid: CAT000646117  
Gen County: Los Angeles  
Tsd County: Kings  
Tons: 13.4848  
Category: Metal dust - machining waste and Alkaline solution (pH <UN> 12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

Disposal Method: Not reported  
Contact: SHULTZ STEEL COMPANY  
Telephone: (213) 564-3281  
Mailing Address: 5321 FIRESTONE BLVD  
SOUTH GATE, CA 90280 - 3629  
County Los Angeles



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

Database(s)

REISNER METALS INC (Continued)

1000383507

CERCLIS Classification Data:

Site Incident Category: Not reported

Federal Facility: Not a Federal Facility

Non NPL Status: ESI Start Needed

Ownership Status: Private

NPL Status: Not on the NPL

CERCLIS Assessment History:

Assessment: DISCOVERY

Completed: 05/14/1993

Assessment: PRELIMINARY ASSESSMENT

Completed: 07/17/1995

Assessment: SITE INSPECTION

Completed: 07/17/1995

Assessment: SITE REASSESSMENT

Completed: 06/30/2001

CERCLIS Site Status:

High

RCRIS:

Owner: WYMAN GORDON COMPANY  
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER  
(213) 564-2431

Record Date: 09/01/1996

Classification: Small Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

Resource Conservation and Recovery Act Information system (RCRAINFO)

HMS:

Facility Id: 013712-014134

Facility Type: Not reported

Permit Number: Not reported

Permit Status: Not reported

Facility Status: Removed

Area: 2J

Region: Los Angeles County:

UST HIST:

Facility ID: 55532

Tank Num: 1

Container Num: 1

Tank Capacity: 2000

Year Installed: 1976

Tank Used for: PRODUCT

Type of Fuel: REGULAR

Tank Construction: 1/4 inches

Leak Detection: None

Contact Name: Not reported

Telephone: (213) 564-2431

Total Tanks: 2

Region: STATE

Facility Type: 2

Other Type: FORGE SHOP

Facility ID: 55532

Tank Num: 2

Container Num: 1

Tank Capacity: 5000

Year Installed: 1980

Tank Used for: PRODUCT

Type of Fuel: REGULAR

Tank Construction: 1/4 inches

Leak Detection: None

Contact Name: Not reported

Telephone: (213) 564-2431

Total Tanks: 2

Region: STATE

Facility Type: 2

Other Type: FORGE SHOP

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

**J & J FORKLIFT SERVICE (Continued)**

**S103281975**

Local Case # :    Not reported  
Beneficial:       Not reported  
Staff :           EH  
MTBE Date :     1/1/1965  
MTBE Tested :    YES  
Max MTBE GW :   Not reported  
GW Qualifies :   Not reported  
Max MTBE Soil :   6.0  
Soil Qualifies :   Not reported  
Hydr Basin #:    Not reported  
Operator :       JIMMIE MEDOZA  
Oversight Prgm : UST  
Priority :        Not reported  
Review Date :    4/24/1998  
Stop Date :      11/21/1997  
Work Suspended Not reported  
Responsible Party MR. GEORGE FRIGERIO  
RP Address:      P.O. BOX 2344, CORSCIANA, TX 75151  
Global Id:        T0603705052  
Org Name:        Not reported  
Contact Person:   Not reported  
MTBE Conc:       1  
Mtbe Fuel:        0  
Water System Name:    Not reported  
Well Name:        WELL 07  
Distance To Lust:     933.8690470669701321845585666  
Waste Discharge Global ID: W0603710152  
Waste Disch Assigned Name: 02S/12W-31M02 S

**LUST Region 4:**

Report Date:     12/10/1997  
Lead Agency:     Regional Board  
Local Agency:    19000  
Case Number:     R-11521  
Substance:       Hydrocarbons  
Case Type:        Soil  
Status:           Signed off, remedial action completed or deemed unnecessary  
Region:           4  
Staff:            EH

**58  
West  
1/4-1/2  
1731  
Higher**

**FIRE STATION #54  
4867 SOUTHERN AVE  
SOUTH GATE, CA 90280**

**LUST    S105034002  
Cortese    N/A**

**State LUST:**

Cross Street:    ATLANTIC AVE  
Qty Leaked:       Not reported  
Case Number     R-12486  
Reg Board:       Los Angeles Region  
Chemical:        Hydrocarbons  
Lead Agency:     Local Agency  
Local Agency :   19000  
Case Type:       Soil only  
Status:           Leak being confirmed  
County:           Los Angeles  
Abate Method:    Excavate and Dispose - remove contaminated soil and dispose in approved site

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

FIRE STATION #54 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S105034002

CORTESE:

Reg Id: R-12486  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

59  
NW  
1/4-1/2  
1754  
Higher

FORMER MONDO CHROME  
4933 FIRESTONE BOULEVARD  
SOUTH GATE, CA 90280

CA SLIC S104404818  
N/A

SLIC Region 4:

Facility Status: Site Assessment  
Region: 4  
SLIC: 0760  
Staff: SSH  
Substance: VOCs

60  
NW  
1/4-1/2  
2043  
Higher

SHELL SERVICE STATION  
8901 ATLANTIC AVE  
SOUTH GATE, CA 90280

LUST S105180698  
N/A

State LUST:

Cross Street:	FIRESTONE BLVD	Confirm Leak:	Not reported
Qty Leaked:	Not reported	Prelim Assess:	10/9/2001
Case Number:	R-26326	Remed Plan:	Not reported
Reg Board:	Los Angeles Region	Monitoring:	Not reported
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	Not reported		
Case Type:	Other ground water affected		
Status:	Preliminary site assessment underway		
County:	Los Angeles		
Review Date:	Not reported		
Workplan:	10/9/2001		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Close Date:	Not reported		
Release Date:	10/9/2001		
Cleanup Fund Id :	Not reported		
Discover Date :	10/2/2001		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	Not reported		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Other Means		
How Stopped:	Other Means		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
Local Case # :	UNK		
Beneficial:	Not reported		
Staff :	Not reported		
MTBE Date :	Not reported		
MTBE Tested :	NT		

## MAP FINDINGS

Database(s)

U001563683

Cross Street:	TWEEDY BLVD		
Qty Leaked:	Not reported		
Case Number	I-11588		
Reg Board:	Los Angeles Region		
Chemical:	Gasoline		
Lead Agency:	Regional Board		
Local Agency :	19000		
Case Type:	Other ground water affected		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Abate Method:	No Action Required - incident is minor, requiring no remedial action		
Review Date:	2/16/1995	Confirm Leak:	2/16/1995
Workplan:	7/26/1995	Prelim Assess:	7/26/1995
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	12/7/2001		
Release Date:	2/16/1995		
Cleanup Fund Id :	Not reported		
Discover Date :	12/1/1994		
Enforcement Dt :	Not reported		
Enf Type:	Not reported		
Enter Date :	4/6/1995		
Funding:	Not reported		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Yes		
Leak Cause:	Unknown		
Leak Source:	Unknown		
Local Case # :	Not reported		
Beneficial:	Not reported		
Staff :	HSP		
MTBE Date :	3/1/1997		
MTBE Tested :	YES		
Max MTBE GW :	278		
GW Qualifies :	Not reported		
Max MTBE Soil :	Not reported		
Soil Qualifies :	Not reported		
Hydr Basin #:	Not reported		
Operator :	JOE ESCUJUP!		
Oversight Prgm :	UST		
Priority :	1C		
Review Date :	11/1/2001		
Stop Date :	12/1/1994		
Work Suspended :	Not reported		
Responsible Party:	RODNEY POZAS		
RP Address:	PO BOX 611480		
Global Id:	T0603703818		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	1		
Mtbe Fuel:	1		
Water System Name:	Not reported		
Well Name:	WELL 23 - ACTIVE		
Distance To Lust:	1217.9674996394951904572331418		
Waste Discharge Global ID:	W0603710152		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

ARCO #1289 (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S101298178

State LUST:

Cross Street:	ATLANTIC BLVD	
Qty Leaked:	Not reported	
Case Number	I-12054	
Reg Board:	Los Angeles Region	
Chemical:	Gasoline	
Lead Agency:	Regional Board	
Local Agency :	19000	
Case Type:	Other ground water affected	
Status:	Pollution characterization	
County:	Los Angeles	
Review Date:	Not reported	Confirm Leak: Not reported
Workplan:	5/29/1992	Prelim Assess: 5/29/1992
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	Monitoring: Not reported
Close Date:	Not reported	
Release Date:	5/29/1992	
Cleanup Fund Id :	Not reported	
Discover Date :	5/28/1992	
Enforcement Dt :	7/10/2001	
Enf Type:	LTR	
Enter Date :	5/27/1992	
Funding:	Not reported	
Staff Initials:	Not reported	
How Discovered:	Other Means	
How Stopped:	Other Means	
Interim :	Not reported	
Leak Cause:	Unknown	
Leak Source:	Unknown	
Local Case # :	Not reported	
Beneficial:	Not reported	
Staff :	Not reported	
MTBE Date :	2/15/2001	
MTBE Tested :	YES	
Max MTBE GW :	680	
GW Qualifies :	Not reported	
Max MTBE Soil :	Not reported	
Soil Qualifies :	Not reported	
Hydr Basin #:	Not reported	
Operator :	Not reported	
Oversight Prgm :	UST	
Priority :	1C	
Review Date :	11/9/2001	
Stop Date :	Not reported	
Work Suspended :	Not reported	
Responsible Party:	MR. TONY BROWN	
RP Address:	P.O. BOX 5077	
Global Id:	T0603703905	
Org Name:	Not reported	
Contact Person:	Not reported	
MTBE Conc:	1	
Mtbe Fuel:	1	
Water System Name:	Not reported	
Well Name:	WELL 07	
Distance To Lust:	599.82933513133650922662752408	
Waste Discharge Global ID:	W0603710152	
Waste Disch Assigned Name:	02S/12W-31M02 S	

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

GORDILLO'S ELECTRICAL SVC (Continued)

S102592780

Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : Not reported  
Oversight Prgm : LIA  
Priority : Not reported  
Review Date : 5/14/1997  
Stop Date : Not reported  
Work Suspended : Not reported  
Responsible Party: TECHNICAL WASTE INC  
RP Address: P.O. BOX 18566, ANAHEIM HILLS CA 92817  
Global Id: T0603705455  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: WELL 09 - DESTROYED  
Distance To Lust: 1112.246075488366679050133298  
Waste Discharge Global ID: W0603710152  
Waste Disch Assigned Name: 03S/12W-06E01 S

LUST Region 4:

Report Date: 5/14/1997  
Lead Agency: Local Agency  
Local Agency: 19000  
Case Number: R-24622  
Substance: 1  
Case Type: Soil  
Status: Signed off, remedial action completed or deemed unnecessary  
Region: 4  
Staff: Not reported

HMS:

Facility Id: 017954-024622  
Facility Type: T1  
Permit Number: 000189699  
Facility Status: Removed  
Region: Los Angeles County:  
Permit Status: Removed  
Area: 2J

Q65  
SSW  
1/4-1/2  
2517  
Higher  
TECHNICAL WASTE INC  
5137 TWEEDY BLVD  
SOUTH GATE, CA 90280  
Site 2 of 2 in cluster Q

HAZNET S103663069  
Cortese N/A

HAZNET:

Gepaid: CAC000770648  
Tepaid: CAD982484933  
Gen County: Los Angeles  
Tsd County: 7  
Tons: .5000  
Category: Other empty containers 30 gallons or more  
Disposal Method: Recycler  
Contact: TECHNICAL WASTE INC  
Telephone: (714) 970-5588  
Mailing Address: PO BOX 18566  
ANAHEIM HILLS, CA 92817  
County: Los Angeles

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

R68  
SSW  
1/4-1/2  
2579  
Higher

ADOHR FARMS  
9923 ATLANTIC AVE  
SOUTH GATE, CA 90280

Site 2 of 2 in cluster R

Database(s)  
EDR ID Number  
EPA ID Number

HIST UST  
LUST

U001563636  
N/A

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: I-11225  
Reg Board: Los Angeles Region  
Chemical: Diesel  
Lead Agency: Regional Board  
Local Agency: 19000  
Case Type: Soil only  
Status: Signed off, remedial action completed or deemed unnecessary  
County: Los Angeles  
Review Date: Not reported  
Workplan: 11/20/1990  
Pollution Char: 3/25/1992  
Remed Action: Not reported  
Close Date: 7/17/1996  
Release Date: 4/10/1984  
Cleanup Fund Id: Not reported  
Discover Date: 4/10/1986  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 12/31/1986  
Funding: Federal Funds  
Staff Initials: Not reported  
How Discovered: Tank Closure  
How Stopped: Remove Contents  
Interim: Not reported  
Leak Cause: Unknown  
Leak Source: Tank  
Local Case #: Not reported  
Beneficial: Not reported  
Staff: JH  
MTBE Date: Not reported  
MTBE Tested: NRO  
Max MTBE GW: Not reported  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: BAHAN, JON  
Oversight Prgm: UST  
Priority: Not reported  
Review Date: 8/19/1993  
Stop Date: Not reported  
Work Suspended: Not reported  
Responsible Party: ADOHR FARMS DAIRIES  
RP Address: 9923 ATLANTIC, SOUTH GATE, CA 90280  
Global Id: T0603703767  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mibe Fuel: 0  
Water System Name: Not reported

Confirm Leak: Not reported  
Prelim Assess: 11/20/1990  
Remed Plan: 3/25/1992  
Monitoring: Not reported

D

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

ARMSTRONG WORLD INDUSTRIES INC (Continued)

1000390052

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AIRS Facility System (AIRS/AFS)  
Biennial Reporting System (BRS)  
Facility Registry System (FRS)  
National Compliance Database (NCDB)  
National Emissions Trends (NET)  
National Toxics Inventory (NTI)  
Resource Conservation and Recovery Act Information system (RCRAINFO)  
Toxic Chemical Release Inventory System (TRIS)

State LUST:

Cross Street:	WILCOX AVE	
Qty Leaked:	Not reported	
Case Number	R-11516	
Reg Board:	Los Angeles Region	
Chemical:	1	
Lead Agency:	Local Agency	
Local Agency :	19000	
Case Type:	Soil only	
Status:	Signed off, remedial action completed or deemed unnecessary	
County:	Los Angeles	
Review Date:	Not reported	Confirm Leak: Not reported
Workplan:	Not reported	Prelim Assess: Not reported
Pollution Char:	Not reported	Remed Plan: Not reported
Remed Action:	Not reported	Monitoring: Not reported
Close Date:	10/7/1996	
Release Date:	10/7/1996	
Cleanup Fund Id :	Not reported	
Discover Date :	Not reported	
Enforcement Dt :	Not reported	
Ent Type:	Not reported	
Enter Date :	10/22/1996	
Funding:	Not reported	
Staff Initials:	Not reported	
How Discovered:	Not reported	
How Stopped:	Not reported	
Interim :	Not reported	
Leak Cause:	Not reported	
Leak Source:	Not reported	
Local Case # :	Not reported	
Beneficial:	Not reported	
Staff :	JH	
MTBE Date :	Not reported	
MTBE Tested :	NRO	
Max MTBE GW :	Not reported	
GW Qualifies :	Not reported	
Max MTBE Soil :	Not reported	
Soil Qualifies :	Not reported	
Hydr Basin #:	Not reported	
Operator :	Not reported	
Oversight Prgm :	LIA	
Priority :	Not reported	
Review Date :	10/7/1996	



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

ARMSTRONG WORLD INDUSTRIES INC (Continued)

1000390052

Gepaid: CAD088387741  
Tepaid: CAD008302903  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .6880  
Category: Organic monomer waste (includes unreacted resins)  
Disposal Method: Recycler  
Contact: ARMSTRONG WORLD INDUSTRIES  
Telephone: (323) 773-3813  
Mailing Address: PO BOX 3016  
SOUTH GATE, CA 90280 - 8916  
County Los Angeles

Gepaid: CAD088387741  
Tepaid: CAD008302903  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .2085  
Category: Unspecified aqueous solution  
Disposal Method: Not reported  
Contact: ARMSTRONG WORLD INDUSTRIES  
Telephone: (323) 773-3813  
Mailing Address: PO BOX 3016  
SOUTH GATE, CA 90280 - 8916  
County Los Angeles

Gepaid: CAD088387741  
Tepaid: CAD008302903  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 3.7530  
Category: Oil/water separation sludge  
Disposal Method: Not reported  
Contact: ARMSTRONG WORLD INDUSTRIES  
Telephone: (323) 773-3813  
Mailing Address: PO BOX 3016  
SOUTH GATE, CA 90280 - 8916  
County Los Angeles

The CA HAZNET database contains 96 additional records for this site.  
Please contact your EDR Account Executive for more information.

CORTESE:

Reg Id: R-11516  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

HMS:

Facility Id: 011474-011516  
Facility Type: T0  
Permit Number: 00003065T  
Facility Status: Permit  
Region: Los Angeles County  
Permit Status: Closed  
Area: 2J

UST HIST:

Facility ID: 68698  
Tank Num: 1  
Tank Capacity: 500  
Tank Used for: PRODUCT  
Container Num: 0000000001  
Year Installed: 1946

Map ID

Direction

Distance

Distance (ft.)

Elevation Site

## MAP FINDINGS

EDR ID Number

EPA ID Number

Database(s)

## M STEPHENS MANUFACTURING (Continued)

S102432843

Beneficial: Not reported  
 Staff: JH  
 MTBE Date: Not reported  
 MTBE Tested: NT  
 Max MTBE GW: Not reported  
 GW Qualifies: Not reported  
 Max MTBE Soil: Not reported  
 Soil Qualifies: Not reported  
 Hydr Basin #: Not reported  
 Operator: Not reported  
 Oversight Prgm: UST  
 Priority: Not reported  
 Review Date: 9/27/1995  
 Stop Date: Not reported  
 Work Suspended: Not reported  
 Responsible Party: M STEPHENS MANUFACTURING  
 RP Address: 8240 ATLANTIC AVE S CUDAHY 90201  
 Global Id: T0603703809  
 Org Name: Not reported  
 Contact Person: Not reported  
 MTBE Conc: 0  
 Mtbe Fuel: 1  
 Water System Name: Not reported  
 Well Name: WELL 07  
 Distance To LUST: 1036.1206162122939025780516383  
 Waste Discharge Global ID: W0603710152  
 Waste Disch Assigned Name: 02S/12W-31M02 S

## LUST Region 4:

Report Date: 8/10/1994  
 Lead Agency: Regional Board  
 Local Agency: 19000  
 Case Number: I-11513  
 Substance: Gasoline  
 Case Type: Soil  
 Status: Signed off, remedial action completed or deemed unnecessary  
 Region: 4  
 Staff: Not reported

## CORTESE:

Reg id: I-11513  
 Region: CORTESE  
 Reg By: Leaking Underground Storage Tanks

72  
 NNW  
 1/2-1  
 3052  
 Higher

SMISER FREIGHT SERVICE  
 8610 S ATLANTIC  
 SOUTH GATE, CA 90280

RCRIS-SQG 1000380299  
 FINDS CAD053878195  
 HIST UST  
 LUST  
 HAZNET  
 Cortese  
 LOS ANGELES CO. HMS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

SMISER FREIGHT SERVICE (Continued)

1000380299

Oversight Prgm : LIA  
Priority : Not reported  
Review Date : 11/26/1996  
Stop Date : Not reported  
Work Suspended : Not reported  
Responsible Party : S & S PROPERTIES  
RP Address : 2610 ATLANTIC AVE, SOUTH GATE, CA 90280-3502  
Global Id : T0603705316  
Org Name : Not reported  
Contact Person : Not reported  
MTBE Conc : 0  
Mtbe Fuel : 0  
Water System Name : Not reported  
Well Name : WELL 07  
Distance To LUST : 673.97284697187154953425156075  
Waste Discharge Global ID : W0603710152  
Waste Disch Assigned Name : 02S/12W-31M02 S

LUST Region 4:

Report Date : 8/8/1996  
Lead Agency : Local Agency  
Local Agency : 19000  
Case Number : R-20922  
Substance : 1  
Case Type : Soil  
Status : Signed off, remedial action completed or deemed unnecessary  
Region : 4  
Staff : Not reported

HAZNET:

Gepaid : CAD053878195  
Tepaid : CAD083166728  
Gen County : Los Angeles  
Tsd County : Stanislaus  
Tons : 3.3360  
Category : Unspecified oil-containing waste  
Disposal Method : Recycler  
Contact : SMISER SAMUEL  
Telephone : (000) 000-0000  
Mailing Address : 8610 S ATLANTIC  
SOUTH GATE, CA 90280  
County : Los Angeles  
Gepaid : CAD053878195  
Tepaid : CAT080010101  
Gen County : Los Angeles  
Tsd County : San Diego  
Tons : .9860  
Category : Contaminated soil from site clean-ups  
Disposal Method : Transfer Station  
Contact : SMISER SAMUEL  
Telephone : (000) 000-0000  
Mailing Address : 8610 S ATLANTIC  
SOUTH GATE, CA 90280  
County : Los Angeles

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

SMISER FREIGHT SERVICE (Continued)

1000380299

UST HIST:

Facility ID:	2999	Container Num:	1
Tank Num:	1	Year Installed:	Not reported
Tank Capacity:	1000		
Tank Used for:	PRODUCT		
Type of Fuel:	REGULAR	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	STEVE DARDZINSKI-DIRECTOR OF S	Telephone:	(213) 773-8902
Total Tanks:	10	Region:	STATE
Facility Type:	2	Other Type:	COMMON CARRIER
Facility ID:	2999	Container Num:	2
Tank Num:	2	Year Installed:	Not reported
Tank Capacity:	2500		
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	STEVE DARDZINSKI-DIRECTOR OF S	Telephone:	(213) 773-8902
Total Tanks:	10	Region:	STATE
Facility Type:	2	Other Type:	COMMON CARRIER
Facility ID:	2999	Container Num:	3
Tank Num:	3	Year Installed:	Not reported
Tank Capacity:	4000		
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	STEVE DARDZINSKI-DIRECTOR OF S	Telephone:	(213) 773-8902
Total Tanks:	10	Region:	STATE
Facility Type:	2	Other Type:	COMMON CARRIER
Facility ID:	2999	Container Num:	4
Tank Num:	4	Year Installed:	Not reported
Tank Capacity:	6000		
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	STEVE DARDZINSKI-DIRECTOR OF S	Telephone:	(213) 773-8902
Total Tanks:	10	Region:	STATE
Facility Type:	2	Other Type:	COMMON CARRIER
Facility ID:	2999	Container Num:	5
Tank Num:	5	Year Installed:	1973
Tank Capacity:	10000		
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	STEVE DARDZINSKI-DIRECTOR OF S	Telephone:	(213) 773-8902
Total Tanks:	10	Region:	STATE
Facility Type:	2	Other Type:	COMMON CARRIER
Facility ID:	2999	Container Num:	6
Tank Num:	6	Year Installed:	1973
Tank Capacity:	10000		
Tank Used for:	PRODUCT		
Type of Fuel:	DIESEL	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

EDR ID Number  
EPA ID Number  
Database(s)

CLIPPER EXPRESS (Continued)

S103957789

HAZNET:

Gepaid: CAC001064616  
Tepaid: CAD028409019  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .0250  
Category: Liquids with pH <UN> 2  
Disposal Method: Transfer Station  
Contact: CLIPPER EXPRESS  
Telephone: (000) 000-0000  
Mailing Address: 505 SOUTH ANAHEIM BLVD  
ANAHEIM, CA 92805  
County: Los Angeles  
Gepaid: CAC001064616  
Tepaid: CAD028409019  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 1.0299  
Category: Off-specification, aged, or surplus organics  
Disposal Method: Transfer Station  
Contact: CLIPPER EXPRESS  
Telephone: (000) 000-0000  
Mailing Address: 505 SOUTH ANAHEIM BLVD  
ANAHEIM, CA 92805  
County: Los Angeles

CORTESE:

Reg Id: I-16580  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

74  
South  
1/2-1  
3188  
Higher

RIVERTON STEEL CONSTRUCTION  
10130 ADELLA AVE  
SOUTH GATE, CA 90280

LUST S100357034  
Cortese N/A  
LOS ANGELES CO. HMS

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: I-15336  
Reg Board: Los Angeles Region  
Chemical: Gasoline  
Lead Agency: Regional Board  
Local Agency: 19000  
Case Type: Other ground water affected  
Status: Signed off, remedial action completed or deemed unnecessary  
County: Los Angeles  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 9/6/1996  
Release Date: 5/27/1992  
Cleanup Fund Id: Not reported  
Discover Date: Not reported  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

75  
WNW  
1/2-1  
3312  
Higher

AMERON INC EQUIPMENT DIV  
4671 FIRESTONE BLVD  
SOUTH GATE, CA 90280

RCRIS-SQG  
FINDS  
UST  
Cortese  
LOS ANGELES CO. HMS

1000367609  
CAD008370868

RCRIS:

Owner: AMERON INCORPORATED  
(415) 555-1212  
Contact: ENVIRONMENTAL MANAGER  
(213) 564-2511  
Record Date: 09/01/1996  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

CORTESE:

Reg Id: I-13327  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

HMS:

Facility Id: 013060-013327  
Facility Type: T0  
Permit Number: 00005135T  
Facility Status: Permit  
Region: Los Angeles County  
Permit Status: Permit  
Area: 2J

State UST:

Facility ID: 13327  
Total Tanks: 1  
Region: STATE  
Local Agency: 19000

76  
North  
1/2-1  
3504  
Higher

MATLACK INC  
8332 WILCOX AVE  
SOUTH GATE, CA 90280

Cortese S104159730  
N/A

CORTESE:

Reg Id: I-11357  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

77  
WNW  
1/2-1  
3550  
Higher

8958 KAUFFMAN  
SOUTH GATE, CA 90280

CHMIRS S100281072  
N/A

## MAP FINDINGS

W. A. WOODS INDUSTRIES, INC. (Continued)

S105032352

LUST Region 4:

Report Date: 9/15/1988  
Lead Agency: Regional Board  
Local Agency: 19000  
Case Number: I-11305  
Substance: Diesel  
Case Type: Soil  
Status: Signed off, remedial action completed or deemed unnecessary  
Region: 4  
Staff: Not reported

CORTESE:

Reg Id: I-11306  
Region: CORTESE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

GUARDSMAN CHEMICALS INC (Continued)

1000354837

Used Oil Recyc: No

Violation Status: Violations exist

Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	05/06/1992
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	06/30/1994
Regulation Violated:	Not reported
Area of Violation:	TSD-Financial Responsibility Requirements
Date Violation Determined:	03/01/1988
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	11/17/1986
Actual Date Achieved Compliance:	Not reported
Enforcement Action:	Written Informal
Enforcement Action Date:	10/17/1986
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	08/25/1986
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	12/02/1986
Actual Date Achieved Compliance:	08/10/1986
Enforcement Action:	Written Informal
Enforcement Action Date:	09/02/1986
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	04/21/1986
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	06/07/1986
Actual Date Achieved Compliance:	08/10/1986
Enforcement Action:	Written Informal
Enforcement Action Date:	04/21/1986
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported
Regulation Violated:	Not reported
Area of Violation:	Generator-All Requirements
Date Violation Determined:	05/29/1984
Priority of Violation:	Low
Schedule Date to Achieve Compliance:	Not reported
Actual Date Achieved Compliance:	08/10/1986
Enforcement Action:	Written Informal
Enforcement Action Date:	05/29/1984
Proposed Monetary Penalty:	Not reported
Final Monetary Penalty:	Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

GUARDSMAN CHEMICALS INC (Continued)

1000354837

Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : WILLIAMS, ROY L.  
Oversight Prgm : UST  
Priority : Not reported  
Review Date : 3/29/2001  
Stop Date : 4/20/1988  
Work Suspended : Not reported  
Responsible Party: LILLY INDUSTRIES  
RP Address: 200 W. 103RD ST., INDIANAPOLIS, INDIANA 46225  
Global Id: T0603703793  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0  
Water System Name: Not reported  
Well Name: WELL 22-B - STANDBY  
Distance To Lust: 1331.3615200628340715998492979  
Waste Discharge Global ID: W0603710152  
Waste Disch Assigned Name: 03S/12W-05M01 S

LUST Region 4:

Report Date: 6/15/1988  
Lead Agency: Regional Board  
Local Agency: 19000  
Case Number: I-11398  
Substance: Solvents  
Case Type: Soil  
Status: Pollution characterization  
Region: 4  
Staff: TAS

HAZNET:

Gepaid: CAC002332825  
Tepaid: CAD009007626  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 51.4108  
Category: Asbestos-containing waste  
Disposal Method: Disposal, Land Fill  
Contact: RON BUTLER  
Telephone: (562) 927-5511  
Mailing Address: PO BOX 668  
DOWNEY, CA 90241  
County: Los Angeles

HMS:

Facility Id: 011363-023610  
Facility Type: T0  
Permit Number: 000172586  
Facility Status: Removed  
Region: Los Angeles County:

Permit Status: Removed  
Area: 2J

UST HIST:

Facility ID: 20997  
Tank Num: 1  
Tank Capacity: 12000  
Tank Used for: PRODUCT  
Type of Fuel: Not Reported

Container Num: 1  
Year Installed: 1960

Tank Construction: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

GUARDSMAN CHEMICALS INC (Continued)

1000354837

Tank Capacity:	4000	Year Installed:	1960
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	STATE
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997		
Tank Num:	8	Container Num:	8
Tank Capacity:	4000	Year Installed:	1960
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	STATE
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997		
Tank Num:	9	Container Num:	9
Tank Capacity:	2000	Year Installed:	1960
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	STATE
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997		
Tank Num:	10	Container Num:	10
Tank Capacity:	2000	Year Installed:	1960
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	STATE
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997		
Tank Num:	11	Container Num:	11
Tank Capacity:	3000	Year Installed:	1960
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	STATE
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997		
Tank Num:	12	Container Num:	12
Tank Capacity:	3000	Year Installed:	1960
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	STATE
Facility Type:	2	Other Type:	MFG. OF IND. COATING

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

GUARDSMAN CHEMICALS INC (Continued)

1000354837

Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	STATE
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997		
Tank Num:	19	Container Num:	19
Tank Capacity:	3000	Year Installed:	1960
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	STATE
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997		
Tank Num:	20	Container Num:	20
Tank Capacity:	5000	Year Installed:	1960
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	STATE
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997		
Tank Num:	21	Container Num:	21
Tank Capacity:	10000	Year Installed:	1977
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	STATE
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997		
Tank Num:	22	Container Num:	22
Tank Capacity:	10000	Year Installed:	1977
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	STATE
Facility Type:	2	Other Type:	MFG. OF IND. COATING
Facility ID:	20997		
Tank Num:	23	Container Num:	23
Tank Capacity:	10000	Year Installed:	1977
Tank Used for:	PRODUCT		
Type of Fuel:	Not Reported	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	MMICHAEL GILDON	Telephone:	(213) 927-5501
Total Tanks:	23	Region:	STATE
Facility Type:	2	Other Type:	MFG. OF IND. COATING

83  
NNW  
1/2-1  
3768  
Higher

ALFA MIRRORS INC.  
4935 CECILIA ST  
CUDAHY, CA 90201

LUST S100272173  
Cortese N/A  
LOS ANGELES CO. HMS

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

ALFA MIRRORS INC. (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S100272173

LUST Region 4:

Report Date: 11/27/1990  
Lead Agency: Local Agency  
Local Agency: 19000  
Case Number: I-15837  
Substance: Diesel  
Case Type: Soil  
Status: Signed off, remedial action completed or deemed unnecessary  
Region: 4  
Staff: Not reported

CORTESE:

Reg Id: I-15837  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

HMS:

Facility Id: 014975-015837  
Facility Type: Not reported  
Permit Number: Not reported  
Facility Status: Removed  
Region: Los Angeles County:  
Permit Status: Not reported  
Area: 2Y

84  
NE  
1/2-1  
3834  
Higher

BERK OIL  
5614 SHULL ST  
BELL GARDENS, CA 90201

LUST S101540092  
Cortese N/A  
LOS ANGELES CO. HMS  
CA SLIC

State LUST:

Cross Street: Not reported  
Qty Leaked: Not reported  
Case Number: 051995-12  
Reg Board: Los Angeles Region  
Chemical: 1  
Lead Agency: Local Agency  
Local Agency: 19000  
Case Type: Soil only  
Status: Preliminary site assessment workplan submitted  
County: Los Angeles  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 9/28/1993  
Cleanup Fund Id: Not reported  
Discover Date: 12/31/1989  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 5/19/1995  
Funding: Not reported  
Staff Initials: Not reported  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: Not reported  
Leak Cause: Unknown  
Leak Source: Tank  
Local Case #: Not reported  
Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

85 ARCO #5110  
East 5731 FIRESTONE BLVD E  
1/2-1 SOUTH GATE, CA 90280  
3846  
Higher

LUST S101298180  
Cortese N/A

State LUST:

Cross Street:	GARFIELD AVE	Confirm Leak:	Not reported
Qty Leaked:	Not reported	Prelim Assess:	9/20/1989
Case Number:	I-12074	Remed Plan:	Not reported
Reg Board:	Los Angeles Region	Monitoring:	Not reported
Chemical:	Gasoline		
Lead Agency:	Regional Board		
Local Agency:	19000		
Case Type:	Other ground water affected		
Status:	Pollution characterization		
County:	Los Angeles		
Review Date:	Not reported		
Workplan:	9/20/1989		
Pollution Char:	Not reported		
Remed Action:	Not reported		
Close Date:	Not reported		
Release Date:	3/15/1990		
Cleanup Fund Id:	Not reported		
Discover Date:	3/15/1990		
Enforcement Dt:	Not reported		
Enf Type:	Not reported		
Enter Date:	6/12/1990		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Other Means		
How Stopped:	Other Means		
Interim:	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
Local Case #:	Not reported		
Beneficial:	Not reported		
Staff:	HSP		
MTBE Date:	1/1/1985		
MTBE Tested:	YES		
Max MTBE GW:	1,900		
GW Qualifies:	Not reported		
Max MTBE Soil:	Not reported		
Soil Qualifies:	Not reported		
Hydr Basin #:	Not reported		
Operator:	TULLY, JOSEPH		
Oversight Prgm:	UST		
Priority:	2A		
Review Date:	12/4/2001		
Stop Date:	3/15/1990		
Work Suspended:	Not reported		
Responsible Party:	RALPH MORAN		
RP Address:	P.O. BOX 5077		
Global Id:	T0603703915		
Org Name:	Not reported		
Contact Person:	Not reported		
MTBE Conc:	1		
Mtbe Fuel:	1		
Water System Name:	Not reported		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

TEXACO (FORMER AMEL'S TEXACO) (Continued)

S102438658

Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 10/13/1995  
Funding: Responsible Party  
Staff Initials: Not reported  
How Discovered: Tank Closure  
How Stopped: Other Means  
Interim : No  
Leak Cause: Unknown  
Leak Source: Tank  
Local Case # : Not reported  
Beneficial: Not reported  
Staff : JH  
MTBE Date : Not reported  
MTBE Tested : NT  
Max MTBE GW : Not reported  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin #: Not reported  
Operator : NEVADA INVESTMENT HOLDING INC  
Oversight Prgm : UST  
Priority : Not reported  
Review Date : 3/6/1996  
Stop Date : 2/16/1994  
Work Suspended : Not reported  
Responsible Party: NEVADA INVESTMENT HOLDING INC  
RP Address: 220 CONGRESS PARK DR, DELRAY BEACH FL 33445  
Global Id: T0603704192  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtb Fuel: 1  
Water System Name: Not reported  
Well Name: WELL 25  
Distance To LUST: 2988.0269401210605989865407522  
Waste Discharge Global ID: W0603710152  
Waste Disch Assigned Name: 02S/12W-31Q02 S

LUST Region 4:

Report Date: 4/12/1994  
Lead Agency: Regional Board  
Local Agency: 19000  
Case Number: I-14647  
Substance: Gasoline  
Case Type: Groundwater  
Status: Signed off, remedial action completed or deemed unnecessary  
Region: 4  
Staff: Not reported

CORTESE:

Reg Id: I-14647  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

88  
NW  
1/2-1  
3906  
Higher

INCO EXPRESS, INC.  
8410 SALT LAKE AVE  
CUDAHY, CA 90201

LUST S102431636  
Cortese N/A

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)    EDR ID Number  
EPA ID Number

INCO EXPRESS, INC. (Continued)

S102431636

LUST Region 4:

Report Date: 1/26/1990  
Lead Agency: Local Agency  
Local Agency: 19000  
Case Number: I-15115  
Substance: 1  
Case Type: Soil  
Status: Signed off, remedial action completed or deemed unnecessary  
Region: 4  
Staff: Not reported

CORTESE:

Reg Id: I-15115  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

89  
WNW  
1/2-1  
3930  
Higher

MASCO BUILDING PROD CORP BOWERS DIV  
8685 BOWERS AVE  
SOUTH GATE, CA 90280

HAZNET S100867622  
Cortese N/A

HAZNET:

Gepaid: CAD063822936  
Tepaid: CAD000088252  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 1.2875  
Category: Other empty containers 30 gallons or more  
Disposal Method: Transfer Station  
Contact: MASCO CORPORATION  
Telephone: (213) 588-7111  
Mailing Address: 5215 SOUTH BOYLE AVE PO BOX 58507  
LOS ANGELES, CA 90058 - 3317

County Los Angeles

Gepaid: CAD063822936  
Tepaid: CAD000088252  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 3.1600  
Category: Other inorganic solid waste  
Disposal Method: Transfer Station  
Contact: MASCO CORPORATION  
Telephone: (213) 588-7111  
Mailing Address: 5215 SOUTH BOYLE AVE PO BOX 58507  
LOS ANGELES, CA 90058 - 3317

County Los Angeles

Gepaid: CAD063822936  
Tepaid: CAD000088252  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .0125  
Category: Fluid-cracking catalyst (FCC) waste  
Disposal Method: Transfer Station  
Contact: MASCO CORPORATION  
Telephone: (213) 588-7111  
Mailing Address: 5215 SOUTH BOYLE AVE PO BOX 58507  
LOS ANGELES, CA 90058 - 3317

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

91  
NNW  
1/2-1  
3991  
Higher

PIAZZA TRUCKING INC  
4841 CECILIA ST  
CUDAHY, CA 90201

RCRIS-SQG  
FINDS  
HIST UST  
LUST  
HAZNET  
Cortese  
LOS ANGELES CO. HMS

EDR ID Number  
EPA ID Number

1000400215  
CAD067740316

RCRIS:

Owner: BILL PIAZZA SR  
(415) 555-1212  
  
Contact: PIAZZA BILLY  
(213) 560-5522  
  
Record Date: 07/10/1991  
Classification: Small Quantity Generator  
Used Oil Recyc: No  
  
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:  
Facility Registry System (FRS)  
Resource Conservation and Recovery Act Information system (RCRAINFO)

State LUST:

Cross Street: ATLANTIC AVE.  
Qty Leaked: Not reported  
Case Number: I-03296  
Reg Board: Los Angeles Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency: 19000  
Case Type: Soil only  
Status: Signed off, remedial action completed or deemed unnecessary  
County: Los Angeles  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: 9/22/1992  
Release Date: 8/20/1990  
Cleanup Fund Id: Not reported  
Discover Date: 7/27/1990  
Enforcement Dt: Not reported  
Enf Type: Not reported  
Enter Date: 9/13/1990  
Funding: Federal Funds  
Staff Initials: Not reported  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim: Not reported  
Leak Cause: Unknown  
Leak Source: Unknown  
Local Case #: Not reported  
Beneficial: Not reported  
Staff: JH  
MTBE Date: Not reported  
MTBE Tested: NT  
Max MTBE GW: Not reported

Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported  
Monitoring: Not reported



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

PIAZZA TRUCKING INC (Continued)

EDR ID Number  
EPA ID Number

1000400215

County: Los Angeles  
Gepaid: CAD067740316  
Tepaid: CAD028409019  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 4.1700  
Category: Unspecified oil-containing waste  
Disposal Method: Treatment, Tank  
Contact: DOUGLAS R GOWLAND, PRES  
Telephone: (213) 520-5522  
Mailing Address: 4841 CECELIA ST  
CUDAHY, CA 90201 - 5912  
County: Los Angeles

CORTESE:

Reg Id: I-03296  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

HMS:

Facility Id: 003182-I03296  
Facility Type: I01  
Permit Number: 000001375  
Facility Status: Closed  
Region: Los Angeles County  
Permit Status: Closed  
Area: 2Y

UST HIST:

Facility ID: 3178  
Tank Num: 1  
Tank Capacity: 0  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Leak Detection: None  
Contact Name: Not reported  
Total Tanks: 0  
Facility Type: 2  
Container Num: 1 ONE  
Year Installed: Not reported  
Tank Construction: Not reported  
Telephone: (213) 583-4657  
Region: STATE  
Other Type: REFUSE REMOVAL

Facility ID: 3178  
Tank Num: 2  
Tank Capacity: 0  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Leak Detection: None  
Contact Name: Not reported  
Total Tanks: 0  
Facility Type: 2  
Container Num: 2 TWO  
Year Installed: Not reported  
Tank Construction: Not reported  
Telephone: (213) 583-4657  
Region: STATE  
Other Type: REFUSE REMOVAL

Facility ID: 3178  
Tank Num: 3  
Tank Capacity: 0  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Leak Detection: None  
Contact Name: Not reported  
Total Tanks: 0  
Facility Type: 2  
Container Num: 3 THREE  
Year Installed: Not reported  
Tank Construction: Not reported  
Telephone: (213) 583-4657  
Region: STATE  
Other Type: REFUSE REMOVAL

Facility ID: 3178

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number  
EPA ID Number

DAILY SAW SERVICE (Continued)

1000293529

Work Suspended Not reported  
Responsible Party DAILY SAW SERVICE  
RP Address: 4481 FIRESTONE BOULEVARD, SOUTHGATE, 90280  
Global Id: T0603703857  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 1  
Water System Name: FRANK ANLEY  
Well Name: WELL 02  
Distance To LUST: 1457.694166188834369668102025  
Waste Discharge Global ID: W0603700523  
Waste Disch Assigned Name: 02S/13W-36H01 S

LUST Region 4:

Report Date: 3/5/1990  
Lead Agency: Regional Board  
Local Agency: 19000  
Case Number: I-11837  
Substance: Gasoline  
Case Type: Soil  
Status: Signed off, remedial action completed or deemed unnecessary  
Region: 4  
Staff: Not reported

HAZNET:

Gepaid: CAL000221224  
Tepaid: CAD008252405  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .0125  
Category: Unspecified organic liquid mixture  
Disposal Method: Recycler  
Contact: GEORGE DAILY  
Telephone: (714) 523-1882  
Mailing Address: 4481 FIRESTONE BLVD  
SOUTH GATE, CA 90280  
County: Los Angeles

Gepaid: CAL000221224  
Tepaid: CAT080033681  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: 2.3856  
Category: Unspecified sludge waste  
Disposal Method: Disposal, Land Fill  
Contact: GEORGE DAILY  
Telephone: (714) 523-1882  
Mailing Address: 4481 FIRESTONE BLVD  
SOUTH GATE, CA 90280  
County: Los Angeles

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

DAILY SAW SERVICE (Continued)

1000293529

Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	SAW SERVICE
Facility ID:	437		
Tank Num:	2	Container Num:	2
Tank Capacity:	6000	Year Installed:	1970
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	Not reported	Telephone:	(213) 564-1791
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	SAW SERVICE
Facility ID:	437		
Tank Num:	3	Container Num:	3
Tank Capacity:	8000	Year Installed:	1970
Tank Used for:	PRODUCT		
Type of Fuel:	UNLEADED	Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor		
Contact Name:	Not reported	Telephone:	(213) 564-1791
Total Tanks:	3	Region:	STATE
Facility Type:	2	Other Type:	SAW SERVICE

93  
NNW  
1/2-1  
4310  
Higher

CUDAHY BUILDING MATERIALS  
8331 ATLANTIC AVE  
CUDAHY, CA 90201

LUST  
Cortese  
LOS ANGELES CO. HMS  
S101296026  
N/A

State LUST:

Cross Street:	CECELIA ST		
Qty Leaked:	Not reported		
Case Number	I-15953		
Reg Board:	Los Angeles Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Local Agency :	19000		
Case Type:	Soil only		
Status:	Signed off, remedial action completed or deemed unnecessary		
County:	Los Angeles		
Review Date:	Not reported	Confirm Leak:	Not reported
Workplan:	1/2/1991	Prelim Assess:	1/2/1991
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	11/25/1992		
Release Date:	1/28/1991		
Cleanup Fund Id :	Not reported		
Discover Date :	12/12/1990		
Enforcement Dt :	1/1/1965		
Enf Type:	IEA		
Enter Date :	2/8/1991		
Funding:	Federal Funds		
Staff Initials:	Not reported		
How Discovered:	Tank Closure		
How Stopped:	Close Tank		
Interim :	Not reported		
Leak Cause:	Unknown		
Leak Source:	Unknown		
Local Case # :	Not reported		

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

Site Database(s) EDR ID Number  
EPA ID Number

94  
NW  
1/2-1  
4620  
Higher  
RHONE POULENC BASIC CHEMICALS CO  
4570 ARDINE ST  
SOUTH GATE, CA 90280

CERCLIS 1000424828  
FINDS CAD008353211  
RCRIS-LOG  
TSCA  
Cal-Sites  
HIST UST  
LUST  
HAZNET  
Cortese

CERCLIS Classification Data:

Site Incident Category: Not reported

Federal Facility: Not a Federal Facility

Non NPL Status: SR

Ownership Status: Private

NPL Status: Not on the NPL

CERCLIS Assessment History:

Assessment: DISCOVERY

Completed: 11/01/1979

Assessment: PRELIMINARY ASSESSMENT

Completed: 03/01/1984

Assessment: SITE INSPECTION

Completed: 09/01/1986

CERCLIS Site Status:

Low

CERCLIS Alias Name(s):

STAUFFER CHEM CO SOUTH GATE PLT

RCRIS:

Owner: STAUFFER CHEMICAL COMPANY  
(415) 555-1212

Contact: ENVIRONMENTAL MANAGER  
(213) 588-2214

Record Date: 09/01/1996

Classification: Large Quantity Generator

Used Oil Recyc: No

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS)

Facility Registry System (FRS)

Resource Conservation and Recovery Act information system (RCRAINFO)

Toxic Chemical Release Inventory System (TRIS)

State LUST:

Cross Street: PACIFIC AVE

Qty Leaked: Not reported

Case Number: I-00524

Reg Board: Los Angeles Region

Chemical: Gasoline

Lead Agency: Regional Board

Local Agency: 19000

Case Type: Soil only

Status: Signed off, remedial action completed or deemed unnecessary

County: Los Angeles

Review Date: Not reported

Confirm Leak: Not reported

Workplan: Not reported

Prelim Assess: Not reported

Pollution Char: 3/12/1993

Remed Plan: 3/12/1993

Remed Action: Not reported

Monitoring: Not reported

Close Date: 8/26/1996

Release Date: 7/26/1989

Cleanup Fund Id: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation    Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

RHONE POULENC BASIC CHEMICALS CO (Continued)

1000424828

Branch: SA - SOUTHERN CA. - A  
File Name: Not reported  
Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY  
Lead Agency: N/A Not reported  
NPL: Not reported  
SIC: 28 MANU - CHEMICALS & ALLIED PRODUCTS  
Facility Type: N/A  
Type Name: Not reported  
Staff Member Responsible for Site: Not reported  
Supervisor Responsible for Site: Not reported  
Region Water Control Board: LA - LOS ANGELES  
Access: Not reported  
Cortese: Not reported  
Hazardous Ranking Score: Not reported  
Date Site Hazard Ranked: Not reported  
Groundwater Contamination: Not reported  
No. of Contamination Sources: 0  
Lat/Long: 0° 0' 0.00" / 0° 0' 0.00"  
Lat/Long Method: Not reported  
State Assembly District Code: Not reported  
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.  
Please contact your EDR Account Executive for more information.

HAZNET:

Gepaid: CAC001187288  
Tepaid: CAD050806850  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .2250  
Category: Organic monomer waste (includes unreacted resins)  
Disposal Method: Transfer Station  
Contact: RHONE-POULENC  
Telephone: (000) 000-0000  
Mailing Address: CN 5266  
PRINCETON, CA 08543 - 5266  
County: Los Angeles

Gepaid: CAC001187288  
Tepaid: CAD050806850  
Gen County: Los Angeles  
Tsd County: Los Angeles  
Tons: .4500  
Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Contact: RHONE-POULENC  
Telephone: (000) 000-0000  
Mailing Address: CN 5266  
PRINCETON, CA 08543 - 5266  
County: Los Angeles

CORTESE:

Reg Id: I-00524  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks  
  
Reg Id: 524  
Region: CORTESE

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

RHONE POULENC BASIC CHEMICALS CO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000424828

Leak Detection: Visual  
Contact Name: ED TRAINER  
Total Tanks: 6  
Facility Type: 2  
Telephone: (213) 588-2214  
Region: STATE  
Other Type: CHEMICAL MANF.

T95  
ENE  
1/2-1  
4736  
Higher

ARCO-VINVALE TANK FARM  
8601 GARFIELD AVE S  
SOUTH GATE, CA 90280

Cortese S101298186  
N/A

Site 1 of 3 in cluster T

CORTESE:  
Reg Id: R-11466  
Region: CORTESE  
Reg By: Leaking Underground Storage Tanks

T96  
ENE  
1/2-1  
4736  
Higher

VINVALE FACILITY, SOUTH G  
8601 GARFIELD AVE.  
SOUTH GATE, CA 90280

Cortese S1015026685  
N/A

Site 2 of 3 in cluster T

CORTESE:  
Reg Id: 4B192010N21  
Region: CORTESE  
Reg By: Cleanup or abatement orders that concern the discharge of wastes that are hazardous materials

T97  
ENE  
1/2-1  
4736  
Higher

RICHFIELD OIL CORPORATION #1  
8600 SOUTH GARFIELD  
SOUTH GATE, CA 90280

Cal-Sites S101480689  
N/A

Site 3 of 3 in cluster T

CAL-SITES:  
Facility ID: 19290103  
Status: REFOA - DOES NOT REQUIRE DTSC ACTION OR OVERSITE ACTIVITY. REFERED TO OTHER AGENCY LEAD  
Status Date: 10/25/1994  
Lead: Not reported  
Region: 3 - BURBANK  
Branch: SA - SOUTHERN CA. - A  
File Name: Not reported  
Status Name: PROPERTY/SITE REFERRED TO ANOTHER AGENCY  
Lead Agency: N/A  
NPL: Not reported  
SIC: 29 MANU - PETROLEUM & COAL PRODUCTS  
Facility Type: N/A  
Type Name: Not reported  
Staff Member Responsible for Site: Not reported  
Supervisor Responsible for Site: MMONROY  
Region Water Control Board: Not reported  
Access: Not reported  
Cortese: Not reported  
Hazardous Ranking Score: Not reported  
Date Site Hazard Ranked: Not reported  
Groundwater Contamination: Not reported  
No. of Contamination Sources: 0

Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation Site

MAP FINDINGS

Database(s)  
EDR ID Number  
EPA ID Number

PARK AVENUE ELEMENTARY SCHOOL - CUDAHY (Continued)

S100183985

Gepaid: CAL000000645  
Tepaid: CAT000646117  
Gen County: Los Angeles  
Tsd County: Kings  
Tons: 2.0000  
Category: Contaminated soil from site clean-ups  
Disposal Method: Treatment, Tank  
Contact: LOS ANGELES USD  
Telephone: (213) 743-5086  
Mailing Address: 1449 S SAN PEDRO ST  
LOS ANGELES, CA 90015 - 3119  
County: Los Angeles

Gepaid: CAL000000645  
Tepaid: CAT000646117  
Gen County: Los Angeles  
Tsd County: Kings  
Tons: 2.8000  
Category: Contaminated soil from site clean-ups  
Disposal Method: Disposal, Land Fill  
Contact: LOS ANGELES USD  
Telephone: (213) 743-5086  
Mailing Address: 1449 S SAN PEDRO ST  
LOS ANGELES, CA 90015 - 3119  
County: Los Angeles

AWP Facility ID: 19490127 Facility Type: RP

CORTESE:

Reg Id: 19490127  
Region: CORTESE  
Reg By: CALSI

99  
NW  
1/2-1  
4870  
Higher

LOS ANGELES CHEM CO  
4545 ARDINE ST  
SOUTH GATE, CA 90280

CERCLIS 1000102033  
FINDS CAD008287732  
RCRIS-LQG  
TSCA  
HIST UST  
LUST  
HAZNET  
Cortese  
CA SLIC

CERCLIS Classification Data:

Site Incident Category: Not reported Federal Facility: Not a Federal Facility  
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup  
Ownership Status: Private NPL Status: Not on the NPL  
Site Description: 1) RWQCB Lead Site - OCA 2) State lead, await results of GW  
characterization. 11/99: RWQCB is in control of the site. Ongoing SVE  
and Pump and Treatment remediation.

CERCLIS Assessment History:

Assessment: DISCOVERY Completed: 05/14/1993  
Assessment: PRELIMINARY ASSESSMENT Completed: 06/29/1995  
Assessment: SITE INSPECTION Completed: 06/29/1995  
Assessment: EXPANDED SITE INSPECTION Completed: 09/15/1996

CERCLIS Site Status:

Recommended for HRS Scoring

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

LOS ANGELES CHEM CO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000102033

Max MTBE Soil : Not reported  
Soil Qualities : Not reported  
Hydr Basin #: Not reported  
Operator : MILLER, MICHAEL J.  
Oversight Prgm : SLIC  
Priority : 2  
Review Date : 1/18/1995  
Stop Date : Not reported  
Work Suspended : Not reported  
Responsible Party: LOS ANGELES CHEMICAL CO.  
RP Address: 4545 ARDINE ST, SOUTH GATE, CA 90280  
Global Id: T0603701321  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 0  
Mtbe Fuel: 0  
Water System Name: FRANK ANLEY  
Well Name: WELL 02  
Distance To LUST: 866.9354177565710514328078313  
Waste Discharge Global ID: W0603700523  
Waste Disch Assigned Name: 02S/13W-36H01 S

LUST Region 4:

Report Date: 4/24/1985  
Lead Agency: Regional Board  
Local Agency: 19000  
Case Number: 902800034  
Substance: Solvents  
Case Type: Groundwater  
Status: Remedial action (cleanup) in progress  
Region: 4  
Staff: SLC

HAZNET:

Gepaid: CAD008287732  
Tepaid: CAT000646117  
Gen County: Los Angeles  
Tsd County: Kings  
Tons: 15.1704  
Category: Other inorganic solid waste  
Disposal Method: Not reported  
Contact: DAVID C MILLER  
Telephone: (213) 562-9500  
Mailing Address: 4545 ARDINE ST  
SOUTH GATE, CA 90280 - 2534  
County: Los Angeles

Gepaid: CAD008287732  
Tepaid: CAT000646117  
Gen County: Los Angeles  
Tsd County: Kings  
Tons: 38.7688  
Category: Other inorganic solid waste  
Disposal Method: Disposal, Land Fill  
Contact: DAVID C MILLER  
Telephone: (213) 562-9500  
Mailing Address: 4545 ARDINE ST  
SOUTH GATE, CA 90280 - 2534  
County: Los Angeles



Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

LOS ANGELES CHEM CO (Continued)

EDR ID Number  
EPA ID Number

Database(s)

1000102033

Type of Fuel: Not Reported  
Leak Detection: Stock Inventor  
Contact Name: Not reported  
Total Tanks: 12  
Facility Type: 2

Tank Construction: Not reported  
Telephone: (213) 583-4761  
Region: STATE  
Other Type: CHEMICAL MFG.

Facility ID: 7810  
Tank Num: 2  
Tank Capacity: 4000  
Tank Used for: PRODUCT  
Type of Fuel: Not Reported  
Leak Detection: Stock Inventor  
Contact Name: Not reported  
Total Tanks: 12  
Facility Type: 2

Container Num: 1  
Year Installed: Not reported

Tank Construction: Not reported

Telephone: (213) 583-4761  
Region: STATE  
Other Type: CHEMICAL MFG.

Facility ID: 7810  
Tank Num: 3  
Tank Capacity: 4000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Leak Detection: Stock Inventor  
Contact Name: Not reported  
Total Tanks: 12  
Facility Type: 2

Container Num: 2  
Year Installed: Not reported

Tank Construction: Not reported

Telephone: (213) 583-4761  
Region: STATE  
Other Type: CHEMICAL MFG.

Facility ID: 7810  
Tank Num: 4  
Tank Capacity: 4000  
Tank Used for: PRODUCT  
Type of Fuel: Not Reported  
Leak Detection: Stock Inventor  
Contact Name: Not reported  
Total Tanks: 12  
Facility Type: 2

Container Num: 3  
Year Installed: Not reported

Tank Construction: Not reported

Telephone: (213) 583-4761  
Region: STATE  
Other Type: CHEMICAL MFG.

Facility ID: 7810  
Tank Num: 5  
Tank Capacity: 4000  
Tank Used for: PRODUCT  
Type of Fuel: Not Reported  
Leak Detection: Stock Inventor  
Contact Name: Not reported  
Total Tanks: 12  
Facility Type: 2

Container Num: 5  
Year Installed: Not reported

Tank Construction: Not reported

Telephone: (213) 583-4761  
Region: STATE  
Other Type: CHEMICAL MFG.

Facility ID: 7810  
Tank Num: 6  
Tank Capacity: 4000  
Tank Used for: PRODUCT  
Type of Fuel: Not Reported  
Leak Detection: Stock Inventor  
Contact Name: Not reported  
Total Tanks: 12  
Facility Type: 2

Container Num: 6  
Year Installed: Not reported

Tank Construction: Not reported

Telephone: (213) 583-4761  
Region: STATE  
Other Type: CHEMICAL MFG.

Facility ID: 7810

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

LOS ANGELES CHEM CO (Continued)

EDR ID Number  
EPA ID Number

1000102033

Facility Type: 2

Other Type: CHEMICAL MFG.

100  
WNW  
1/2-1  
5067  
Higher

SEALY MATTRESS CO  
8664 RHEEM ST  
SOUTH GATE, CA 90280

LUST  
Cortese  
LOS ANGELES CO. HMS  
S102436638  
N/A

State LUST:

Cross Street: FIRESTONE BLVD  
Qty Leaked: Not reported  
Case Number: I-16710  
Reg Board: Los Angeles Region  
Chemical: Diesel  
Lead Agency: Regional Board  
Local Agency: 19000  
Case Type: Other ground water affected  
Status: Pollution characterization  
County: Los Angeles  
Review Date: Not reported  
Workplan: Not reported  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 6/14/1995  
Cleanup Fund Id: Not reported  
Discover Date: 4/25/1994  
Enforcement Dt: 4/5/2001  
Enf Type: Not reported  
Enter Date: 6/30/1995  
Funding: Not reported  
Staff Initials: Not reported  
How Discovered: Tank Closure  
How Stopped: Not reported  
Interim: Not reported  
Leak Cause: Not reported  
Leak Source: Not reported  
Local Case #: Not reported  
Beneficial: Not reported  
Staff: JFL  
MTBE Date: 2/19/1999  
MTBE Tested: YES  
Max MTBE GW: 6,300  
GW Qualifies: Not reported  
Max MTBE Soil: Not reported  
Soil Qualifies: Not reported  
Hydr Basin #: Not reported  
Operator: ED DUGAS  
Oversight Prgm: UST  
Priority: 2A4  
Review Date: 10/12/2001  
Stop Date: Not reported  
Work Suspended: Not reported  
Responsible Party: KENNETH L. WALKER  
RP Address: 1 OFFICE PARKWAY  
Global Id: T0603704431  
Org Name: Not reported  
Contact Person: Not reported  
MTBE Conc: 1

Confirm Leak: Not reported  
Prelim Assess: Not reported  
Remed Plan: Not reported  
Monitoring: Not reported

Map ID  
Direction  
Distance  
Distance (ft.)  
Elevation

MAP FINDINGS

GARFIELD MOBILE PARK (Continued)

EDR ID Number  
EPA ID Number

Database(s)

S100196705

Lat/long Method: Not reported  
State Assembly District Code: Not reported  
State Senate District: Not reported

The CAL-SITES database may contain additional details for this site.  
Please contact your EDR Account Executive for more information.

102  
NNW  
1/2-1  
5212  
Higher

CAL TARGET STATION #022  
8111 ATLANTIC BLVD  
CUDAHY, CA 90201

LUST S101296029  
Cortese N/A

State LUST:

Cross Street: SANTA ANA  
Qty Leaked: Not reported  
Case Number: I-13847  
Reg Board: Los Angeles Region  
Chemical: Gasoline  
Lead Agency: Local Agency  
Local Agency : 19000  
Case Type: Soil only  
Status: Preliminary site assessment underway  
County: Los Angeles  
Review Date: Not reported  
Workplan: 11/26/1991  
Pollution Char: Not reported  
Remed Action: Not reported  
Close Date: Not reported  
Release Date: 11/26/1991  
Cleanup Fund Id : Not reported  
Discover Date : 5/16/1991  
Enforcement Dt : Not reported  
Enf Type: Not reported  
Enter Date : 12/22/1991  
Funding: Not reported  
Staff Initials: Not reported  
How Discovered: Tank Closure  
How Stopped: Close Tank  
Interim : Not reported  
Leak Cause: Unknown  
Leak Source: Unknown  
Local Case # : Not reported  
Beneficial: Not reported  
Staff : JH  
MTBE Date : Not reported  
MTBE Tested : NT  
Max MTBE GW : Not reported  
GW Qualifies : Not reported  
Max MTBE Soil : Not reported  
Soil Qualifies : Not reported  
Hydr Basin # : Not reported  
Operator : BOYER, KEITH  
Oversight Prgm : LIA  
Priority : Not reported  
Review Date : 4/14/1993  
Stop Date : 5/16/1991  
Work Suspended : Not reported  
Responsible Party: CAL TARGET ENT.

Confirm Leak: Not reported  
Prelim Assess: 11/26/1991  
Remed Plan: Not reported  
Monitoring: Not reported

### MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES

YEAR	NAME	ADDRESS	CITY	ST	DIR.	DIST.	ELEVATION
1999	SHELL SERVICE STATION	8901 S ATLANTIC AVE	SOUTH GATE	CA	NW	1/4-1/2	Higher
Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.							

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Elapsed ASTM days:** Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

### FEDERAL ASTM STANDARD RECORDS

#### NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/29/02

Date Made Active at EDR: 02/25/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/02

Elapsed ASTM days: 21

Date of Last EDR Contact: 02/04/02

#### NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1

Telephone 617-918-1143

EPA Region 3

Telephone 215-814-5418

EPA Region 4

Telephone 404-562-8033

EPA Region 6

Telephone: 214-655-6659

EPA Region 8

Telephone: 303-312-6774

#### Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 01/17/02

Date Made Active at EDR: 02/25/02

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/02

Elapsed ASTM days: 21

Date of Last EDR Contact: 02/04/02

#### CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/21/01

Date Made Active at EDR: 02/04/02

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/26/01

Elapsed ASTM days: 40

Date of Last EDR Contact: 12/26/01

#### CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/07/02  
Date of Next Scheduled EDR Contact: 04/08/02

### **DELISTED NPL:** National Priority List Deletions

Source: EPA  
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/29/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/02  
Date of Next Scheduled EDR Contact: 05/06/02

### **FINDS:** Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA  
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/29/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02  
Date of Next Scheduled EDR Contact: 04/08/02

### **HMIRS:** Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation  
Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/21/02  
Date of Next Scheduled EDR Contact: 04/22/02

### **MLTS:** Material Licensing Tracking System

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02  
Date of Next Scheduled EDR Contact: 04/08/02

### **MINES:** Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959

Date of Government Version: 12/14/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/02/02  
Date of Next Scheduled EDR Contact: 04/01/02

### **NPL LIENS:** Federal Superfund Liens

Source: EPA  
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## STATE OF CALIFORNIA ASTM STANDARD RECORDS

### AWP: Annual Workplan Sites

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 11/08/00

Date Made Active at EDR: 03/02/01

Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/31/01

Elapsed ASTM days: 30

Date of Last EDR Contact: 02/04/02

### CAL-SITES: Calsites Database

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 10/01/00

Date Made Active at EDR: 11/22/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/30/00

Elapsed ASTM days: 23

Date of Last EDR Contact: 01/07/02

### CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-845-8400

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94

Date Made Active at EDR: 04/24/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95

Elapsed ASTM days: 42

Date of Last EDR Contact: 03/01/02

### CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information

Telephone: 916-445-6532

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/01

Date Made Active at EDR: 07/26/01

Database Release Frequency: Varies

Date of Data Arrival at EDR: 05/29/01

Elapsed ASTM days: 58

Date of Last EDR Contact: 01/28/02

### NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board

Telephone: 916-445-3846

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93

Date Made Active at EDR: 11/19/93

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93

Elapsed ASTM days: 18

Date of Last EDR Contact: 01/21/02

### TOXIC PITS: Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board

Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95

Date Made Active at EDR: 09/26/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95

Elapsed ASTM days: 27

Date of Last EDR Contact: 02/04/02

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/94  
Date Made Active at EDR: 09/29/95  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95  
Elapsed ASTM days: 24  
Date of Last EDR Contact: 12/28/98

### **HIST UST:** Hazardous Substance Storage Container Database

Source: State Water Resources Control Board  
Telephone: 916-341-5700

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90  
Date Made Active at EDR: 02/12/91  
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91  
Elapsed ASTM days: 18  
Date of Last EDR Contact: 07/26/01

### **STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS**

#### **AST:** Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board  
Telephone: 916-227-4382

Registered Aboveground Storage Tanks.

Date of Government Version: 12/13/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/02  
Date of Next Scheduled EDR Contact: 05/06/02

#### **CLEANERS:** Cleaner Facilities

Source: Department of Toxic Substance Control  
Telephone: 916-225-0873

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 07/27/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 01/07/02  
Date of Next Scheduled EDR Contact: 04/08/02

#### **CA WDS:** Waste Discharge System

Source: State Water Resources Control Board  
Telephone: 916-657-1571

Sites which have been issued waste discharge requirements.

Date of Government Version: 07/19/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/02  
Date of Next Scheduled EDR Contact: 03/25/02

#### **DEED:** List of Deed Restrictions

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400

The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes.

Date of Government Version: 02/11/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/19/02  
Date of Next Scheduled EDR Contact: 04/08/02

#### **HAZNET:** Hazardous Waste Information System

Source: California Environmental Protection Agency  
Telephone: 916-255-1136

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### LOS ANGELES COUNTY:

#### List of Solid Waste Facilities

Source: La County Department of Public Works  
Telephone: 818-458-5185

Date of Government Version: 09/16/98  
Database Release Frequency: Varies

Date of Last EDR Contact: 02/20/02  
Date of Next Scheduled EDR Contact: 05/20/02

#### City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department  
Telephone: 310-607-2239

Date of Government Version: 11/01/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/02  
Date of Next Scheduled EDR Contact: 05/20/02

#### City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department  
Telephone: 562-570-2543

Date of Government Version: 10/01/99  
Database Release Frequency: Annually

Date of Last EDR Contact: 02/25/02  
Date of Next Scheduled EDR Contact: 05/27/02

#### City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department  
Telephone: 310-618-2973

Date of Government Version: 11/01/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/02  
Date of Next Scheduled EDR Contact: 05/20/02

#### City of Los Angeles Landfills

Source: Engineering & Construction Division  
Telephone: 213-473-7869

Date of Government Version: 08/31/99  
Database Release Frequency: Varies

Date of Last EDR Contact: 02/18/02  
Date of Next Scheduled EDR Contact: 05/20/02

#### HMS: Street Number List

Source: Department of Public Works  
Telephone: 626-458-3517  
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/29/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/18/02  
Date of Next Scheduled EDR Contact: 05/20/02

#### Site Mitigation List

Source: Community Health Services  
Telephone: 323-890-7806  
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/11/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 02/18/02  
Date of Next Scheduled EDR Contact: 05/20/02

#### San Gabriel Valley Areas of Concern

Source: EPA Region 9  
Telephone: 415-744-2407  
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 06/29/99  
Date of Next Scheduled EDR Contact: N/A

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/31/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/02/02  
Date of Next Scheduled EDR Contact: 03/25/02

### RIVERSIDE COUNTY:

#### Listing of Underground Tank Cleanup Sites

Source: Department of Public Health  
Telephone: 909-358-5055  
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/05/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/21/02  
Date of Next Scheduled EDR Contact: 04/22/02

#### Underground Storage Tank Tank List

Source: Health Services Agency  
Telephone: 909-358-5055

Date of Government Version: 08/01/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/21/02  
Date of Next Scheduled EDR Contact: 04/22/02

### SACRAMENTO COUNTY:

#### CS - Contaminated Sites

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406

Date of Government Version: 11/21/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/02  
Date of Next Scheduled EDR Contact: 05/06/02

#### ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/21/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/02  
Date of Next Scheduled EDR Contact: 05/06/02

### SAN BERNARDINO COUNTY:

#### Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 01/02/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/27/01  
Date of Next Scheduled EDR Contact: 03/11/02

### SAN DIEGO COUNTY:

#### Solid Waste Facilities

Source: Department of Health Services  
Telephone: 619-338-2209  
San Diego County Solid Waste Facilities.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/03/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/04/02  
Date of Next Scheduled EDR Contact: 04/01/02

### Hazardous Material Facilities

Source: City of San Jose Fire Department  
Telephone: 408-277-4659

Date of Government Version: 06/13/00  
Database Release Frequency: Annually

Date of Last EDR Contact: 12/11/01  
Date of Next Scheduled EDR Contact: 03/11/02

### SOLANO COUNTY:

#### Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management  
Telephone: 707-421-6770

Date of Government Version: 01/02/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/02  
Date of Next Scheduled EDR Contact: 03/18/02

#### Underground Storage Tanks

Source: Solano County Department of Environmental Management  
Telephone: 707-421-6770

Date of Government Version: 01/02/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/02/02  
Date of Next Scheduled EDR Contact: 03/18/02

### SONOMA COUNTY:

#### Leaking Underground Storage Tank Sites

Source: Department of Health Services  
Telephone: 707-565-6565

Date of Government Version: 11/29/01  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/29/02  
Date of Next Scheduled EDR Contact: 04/29/02

### SUTTER COUNTY:

#### Underground Storage Tanks

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500

Date of Government Version: 07/01/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/07/02  
Date of Next Scheduled EDR Contact: 04/08/02

### VENTURA COUNTY:

#### Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division  
Telephone: 805-654-2813  
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 04/02/01  
Database Release Frequency: Annually

Date of Last EDR Contact: 02/25/02  
Date of Next Scheduled EDR Contact: 05/27/02

#### Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division  
Telephone: 805-654-2813  
Ventura County Underground Storage Tank Cleanup Sites (LUST).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/09/01  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 01/02/02  
Date of Next Scheduled EDR Contact: 04/01/02

**LUST REG 5:** Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-255-3125

Date of Government Version: 01/02/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02  
Date of Next Scheduled EDR Contact: 04/08/02

**LUST REG 6L:** Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)  
Telephone: 916-542-5424

Date of Government Version: 01/02/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02  
Date of Next Scheduled EDR Contact: 04/08/02

**LUST REG 6V:** Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-346-7491

Date of Government Version: 01/02/02  
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/07/02  
Date of Next Scheduled EDR Contact: 04/08/02

**LUST REG 7:** Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Telephone: 760-346-7491

Date of Government Version: 01/23/02  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/02/02  
Date of Next Scheduled EDR Contact: 04/01/02

**LUST REG 8:** Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-4498

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 07/23/01  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/12/02  
Date of Next Scheduled EDR Contact: 05/13/02

**LUST REG 9:** Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 619-467-2952

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/01  
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 01/21/02  
Date of Next Scheduled EDR Contact: 04/22/02

### California Regional Water Quality Control Board (RWQCB) SLIC Records

**SLIC REG 1:** Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220

Date of Government Version: 02/01/01  
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/01/02  
Date of Next Scheduled EDR Contact: 05/27/02

**SLIC REG 2:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**Former Manufactured Gas (Coal Gas) Sites:** The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

### Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

**Oil/Gas Pipelines/Electrical Transmission Lines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

## **GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

MACLEOD METALS, INC.  
9309 RAYO AVENUE  
SOUTH GATE, CA 90280

### **TARGET PROPERTY COORDINATES**

Latitude (North):	33.947899 - 33° 56' 52.4"
Longitude (West):	118.178398 - 118° 10' 42.2"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	391105.6
UTM Y (Meters):	3756810.2

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Site-Specific Hydrogeological Data\*:

Search Radius: 2.0 miles  
Location Relative to TP: 0 - 1/8 Mile North  
Site Name: Jervis B. Webb Co.  
Site EPA ID Number: CAD008339467  
Groundwater Flow Direction: NNW IN THE UPPER GROUP AQUIFERS PRESENT FROM THE GROUND SURFACE TO A DEPTH OF 265 FEET.  
Measured Depth to Water: not available.  
Hydraulic Connection: Aquicludes separate the aquifers underlying the site but the aquifers are interconnected within 2 miles of the site.  
Sole Source Aquifer: No information about a sole source aquifer is available  
Data Quality: Information is inferred in the CERCLIS investigation report(s)

### AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
14	1/2 - 1 Mile South	Not Reported
18	1/2 - 1 Mile NE	NE,E
20	1 - 2 Miles North	NE
21	1 - 2 Miles NNW	SW

For additional site information, refer to Physical Setting Source Map Findings.

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

\* ©1998 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

coarse sand  
sand  
gravelly - sand

Shallow Soil Types: fine sandy loam  
gravelly - loam  
sand  
silty clay

Deeper Soil Types: stratified  
clay loam  
silty clay loam  
gravelly - sandy loam  
coarse sand  
sand  
weathered bedrock  
very fine sandy loam

### ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

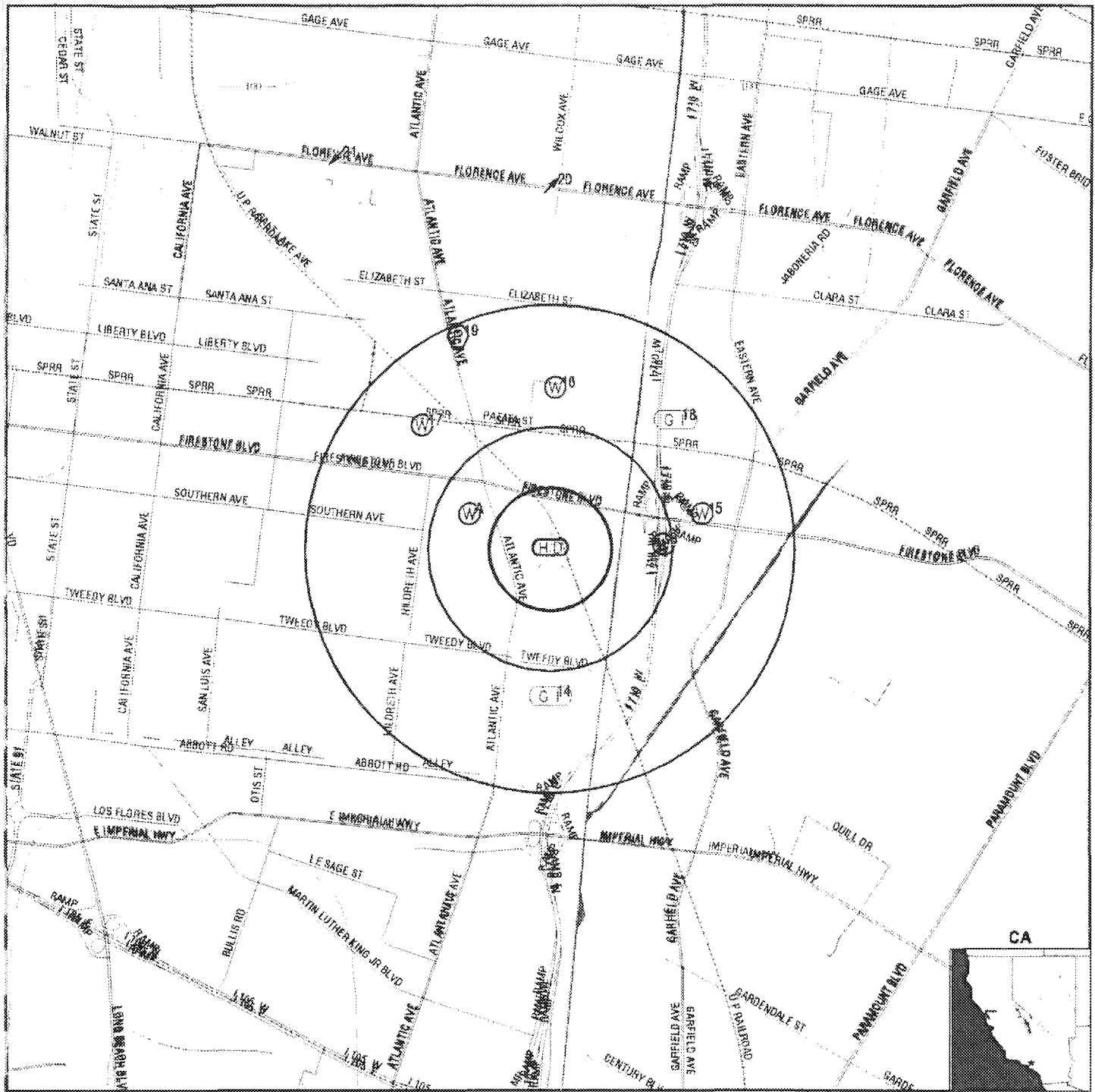
### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
19	CA1910159	1/2 - 1 Mile NNW

Note: PWS System location is not always the same as well location.



# PHYSICAL SETTING SOURCE MAP - 746432.3s



- Major Roads
- Contour Lines
- Earthquake Fault Lines
- W Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- G Indeterminate Groundwater Flow at Location
- GY Groundwater Flow Varies at Location
- Cluster of Multiple Icons

- Earthquake epicenter, Richter 5 or greater
- Closest Hydrogeological Data
- Oil, gas or related wells

TARGET PROPERTY: Macleod Metals, Inc.  
 ADDRESS: 9309 Rayo Avenue  
 CITY/STATE/ZIP: South Gate CA 90280  
 LAT/LONG: 33.9479 / 118.1784

CUSTOMER: Continental Placer, Inc.  
 CONTACT: N. Brown  
 INQUIRY #: 746432.3s  
 DATE: March 15, 2002 6:48 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/06/1989	Findings:	54.100 MG/L
Chemical:	SODIUM		
Sample Collected:	06/06/1989	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/06/1989	Findings:	43.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/06/1989	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/06/1989	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/06/1989	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/06/1989	Findings:	420.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/06/1989	Findings:	4.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/06/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/24/1989	Findings:	3.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/24/1989	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/24/1990	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

**A3**  
**WNW**  
 1/4 - 1/2 Mile  
 Higher

**CA WELLS 3930**

**Water System Information:**

Prime Station Code:	03S/12W-06B03 S	User ID:	4TH
FRDS Number:	1910152013	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	335700.0 1181100.0	Precision:	Undefined
Source Name:	WELL 23		
System Number:	1910152		
System Name:	SOUTH GATE-CITY, WATER DEPT.		
Organization That Operates System:	8650 CALIFORNIA AVE. SOUTH GATE, CA 90280		
Pop Served:	82550	Connections:	14719
Area Served:	SOUTH GATE		

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	08/27/1987	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	08/27/1987	Findings:	710.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/27/1987	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	08/27/1987	Findings:	176.300 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/24/1989	Findings:	2.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/24/1990	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/04/1990	Findings:	5.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/04/1990	Findings:	640.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/04/1990	Findings:	7.890
Chemical:	PH (LABORATORY)		
Sample Collected:	06/04/1990	Findings:	195.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/04/1990	Findings:	238.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/04/1990	Findings:	222.400 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/04/1990	Findings:	64.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/04/1990	Findings:	15.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/04/1990	Findings:	44.400 MG/L
Chemical:	SODIUM		
Sample Collected:	06/04/1990	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/04/1990	Findings:	34.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/04/1990	Findings:	.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/04/1990	Findings:	390.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/04/1990	Findings:	3.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/04/1990	Findings:	3.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/17/1990	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/26/1990	Findings:	5.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/11/1990	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/02/1991	Findings:	2.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/06/1991	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/08/1991	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/16/1991	Findings:	4.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/02/1991	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/26/1993	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/17/1993	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/10/1993	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/02/1993	Findings:	3.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/02/1993	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/01/1994	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/01/1994	Findings:	4.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/28/1994	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/07/1994	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/02/1995	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/02/1995	Findings:	4.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/15/1996	Findings:	10.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/15/1996	Findings:	730.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/15/1996	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	05/15/1996	Findings:	184.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	05/15/1996	Findings:	224.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	05/15/1996	Findings:	260.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	05/15/1996	Findings:	62.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/15/1996	Findings:	27.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/15/1996	Findings:	40.400 MG/L
Chemical:	SODIUM		
Sample Collected:	05/15/1996	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/15/1996	Findings:	42.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/15/1996	Findings:	.320 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/15/1996	Findings:	3.900 UG/L
Chemical:	ARSENIC		
Sample Collected:	05/15/1996	Findings:	330.000 UG/L
Chemical:	IRON		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/17/1996	Findings:	.096 UG/L
Chemical:	BORON		
Sample Collected:	12/17/1996	Findings:	87.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	12/17/1996	Findings:	460.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/17/1996	Findings:	5.280 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/17/1996	Findings:	14.000 PCI/L
Chemical:	TOTAL RADON 222 COUNTING ERROR		
Sample Collected:	12/17/1996	Findings:	230.000 PCI/L
Chemical:	TOTAL RADON 222		
Sample Collected:	01/23/1997	Findings:	140.000 UG/L
Chemical:	IRON		
Sample Collected:	01/23/1997	Findings:	90.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	02/11/1997	Findings:	200.000 UG/L
Chemical:	IRON		
Sample Collected:	02/11/1997	Findings:	91.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	04/01/1997	Findings:	87.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	05/06/1997	Findings:	80.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	06/03/1997	Findings:	82.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	06/03/1997	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/03/1997	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/03/1997	Findings:	5.280 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/01/1997	Findings:	76.700 UG/L
Chemical:	MANGANESE		
Sample Collected:	07/23/1997	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/23/1997	Findings:	.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/05/1997	Findings:	91.700 UG/L
Chemical:	MANGANESE		
Sample Collected:	09/02/1997	Findings:	121.000 UG/L
Chemical:	IRON		
Sample Collected:	09/02/1997	Findings:	94.500 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/04/1997	Findings:	114.000 UG/L
Chemical:	IRON		
Sample Collected:	11/04/1997	Findings:	79.000 UG/L
Chemical:	MANGANESE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/24/1987	Findings:	.400 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/24/1987	Findings:	790.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/24/1987	Findings:	7.690
Chemical:	PH (LABORATORY)		
Sample Collected:	09/24/1987	Findings:	172.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO <sub>3</sub> )		
Sample Collected:	09/24/1987	Findings:	209.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/24/1987	Findings:	293.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO <sub>3</sub> )		
Sample Collected:	09/24/1987	Findings:	90.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/24/1987	Findings:	16.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/24/1987	Findings:	50.900 MG/L
Chemical:	SODIUM		
Sample Collected:	09/24/1987	Findings:	2.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/24/1987	Findings:	55.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/24/1987	Findings:	1.200 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/24/1987	Findings:	559.300 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/24/1987	Findings:	11.200 MG/L
Chemical:	NITRATE (AS NO <sub>3</sub> )		
Sample Collected:	09/24/1987	Findings:	.400 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/24/1987	Findings:	7.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/24/1987	Findings:	7.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/22/1987	Findings:	7.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/23/1987	Findings:	6.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/23/1987	Findings:	7.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/23/1987	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	03/30/1989	Findings:	9.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/30/1989	Findings:	9.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/24/1989	Findings:	4.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/24/1989	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/17/1992	Findings:	4.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/17/1992	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/11/1992	Findings:	5.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/26/1993	Findings:	5.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/26/1993	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/10/1993	Findings:	18.900 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	08/10/1993	Findings:	770.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/10/1993	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/10/1993	Findings:	190.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/10/1993	Findings:	232.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/10/1993	Findings:	1806.000 UG/L
Chemical:	NITRATE NITROGEN (NO3-N)		
Sample Collected:	08/10/1993	Findings:	296.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/10/1993	Findings:	88.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/10/1993	Findings:	18.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/10/1993	Findings:	48.300 MG/L
Chemical:	SODIUM		
Sample Collected:	08/10/1993	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/10/1993	Findings:	48.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/10/1993	Findings:	.700 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/10/1993	Findings:	111.000 UG/L
Chemical:	IRON		
Sample Collected:	08/10/1993	Findings:	63.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	08/10/1993	Findings:	450.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/10/1993	Findings:	8.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/10/1993	Findings:	.700 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/10/1993	Findings:	1806.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/28/1994	Findings:	8.200 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/06/1996	Findings:	6.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/03/1996	Findings:	7.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/30/1996	Findings:	750.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/30/1996	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	07/30/1996	Findings:	175.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/30/1996	Findings:	213.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/30/1996	Findings:	1.380 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	07/30/1996	Findings:	288.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/30/1996	Findings:	84.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/30/1996	Findings:	19.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/30/1996	Findings:	47.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/30/1996	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/30/1996	Findings:	53.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/30/1996	Findings:	.340 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/30/1996	Findings:	2.500 UG/L
Chemical:	ARSENIC		
Sample Collected:	07/30/1996	Findings:	3.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/30/1996	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/30/1996	Findings:	470.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/30/1996	Findings:	.800
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	07/30/1996	Findings:	.017 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	07/30/1996	Findings:	7.920 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/30/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/01/1996	Findings:	7.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/05/1996	Findings:	7.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/03/1996	Findings:	7.500 UG/L
Chemical:	TETRACHLOROETHYLENE		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 1910152  
 System Name: SOUTH GATE-CITY, WATER DEPT.  
 Organization That Operates System:  
 8650 CALIFORNIA AVE.  
 SOUTH GATE, CA 90280  
 Pop Served: 82550  
 Area Served: SOUTH GATE  
 Connections: 14719

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	09/19/1987	Findings:	1.200 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	09/19/1987	Findings:	3.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/19/1987	Findings:	1.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	09/19/1987	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/20/1987	Findings:	5.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/10/1989	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/10/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/19/1989	Findings:	740.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/19/1989	Findings:	7.370
Chemical:	PH (LABORATORY)		
Sample Collected:	12/19/1989	Findings:	177.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	12/19/1989	Findings:	216.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/19/1989	Findings:	265.600 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	12/19/1989	Findings:	76.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/19/1989	Findings:	18.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/19/1989	Findings:	46.100 MG/L
Chemical:	SODIUM		
Sample Collected:	12/19/1989	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/19/1989	Findings:	51.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/19/1989	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/19/1989	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/19/1989	Findings:	451.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/19/1989	Findings:	8.700 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/03/1995	Findings:	6.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/07/1995	Findings:	8.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/05/1995	Findings:	7.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/07/1995	Findings:	9.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/01/1996	Findings:	7.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/07/1996	Findings:	6.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/02/1996	Findings:	7.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/15/1996	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/15/1996	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/15/1996	Findings:	6.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/15/1996	Findings:	8.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/06/1996	Findings:	6.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/03/1996	Findings:	6.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/01/1996	Findings:	7.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/05/1996	Findings:	7.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/03/1996	Findings:	6.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/05/1996	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/05/1996	Findings:	2.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/07/1996	Findings:	6.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/05/1996	Findings:	5.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/02/1997	Findings:	6.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/06/1997	Findings:	5.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/04/1997	Findings:	2.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/04/1997	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/06/1997	Findings:	6.600 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/23/1997	Findings:	5.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/23/1997	Findings:	.550 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/07/1997	Findings:	6.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/04/1997	Findings:	6.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/02/1997	Findings:	6.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/06/1997	Findings:	6.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/04/1997	Findings:	6.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/08/1998	Findings:	7.300 UG/L
Chemical:	TETRACHLOROETHYLENE		

A6  
WNW  
1/4 - 1/2 Mile  
Higher

CA WELLS 3931

### Water System Information:

Prime Station Code:	03S/12W-06D01 S	User ID:	4TH
FRDS Number:	1910152006	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	335700.0 1181100.0	Precision:	Undefined
Source Name:	WELL 13		
System Number:	1910152		
System Name:	SOUTH GATE-CITY, WATER DEPT.		
Organization That Operates System:	8650 CALIFORNIA AVE. SOUTH GATE, CA 90280		
Pop Served:	82550	Connections:	14719
Area Served:	SOUTH GATE		

### Sample Information: \* Only Findings Above Detection Level Are Listed

Sample Collected:	10/10/1985	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/05/1985	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/01/1986	Findings:	4.000 UG/L
Chemical:	TOLUENE		
Sample Collected:	12/01/1986	Findings:	10.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/22/1987	Findings:	3.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/23/1987	Findings:	3.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/30/1989	Findings:	5.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/30/1989	Findings:	6.200 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/06/1992	Findings:	5.100 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	05/06/1992	Findings:	2.100 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	07/17/1992	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/17/1992	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/03/1994	Findings:	3.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/03/1994	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/28/1994	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/28/1994	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/28/1994	Findings:	11.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/18/1994	Findings:	2.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/06/1994	Findings:	7.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/02/1994	Findings:	6.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/01/1994	Findings:	7.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/05/1995	Findings:	7.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/02/1995	Findings:	6.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/02/1995	Findings:	7.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/27/1995	Findings:	5.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/27/1995	Findings:	9.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/04/1995	Findings:	5.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/01/1995	Findings:	5.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/06/1995	Findings:	6.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/03/1995	Findings:	5.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/07/1995	Findings:	6.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/05/1995	Findings:	4.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/02/1995	Findings:	6.300 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/17/1997	Findings:	.749 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	06/17/1997	Findings:	301.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/17/1997	Findings:	91.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/17/1997	Findings:	18.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/17/1997	Findings:	46.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/17/1997	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/17/1997	Findings:	58.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/17/1997	Findings:	.350 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/17/1997	Findings:	2.600 UG/L
Chemical:	ARSENIC		
Sample Collected:	06/17/1997	Findings:	105.000 UG/L
Chemical:	BARIUM		
Sample Collected:	06/17/1997	Findings:	450.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/17/1997	Findings:	.600
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	06/17/1997	Findings:	.009 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	06/17/1997	Findings:	8.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/17/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/17/1997	Findings:	2000.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/03/1997	Findings:	5.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/23/1997	Findings:	5.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/23/1997	Findings:	.570 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/07/1997	Findings:	6.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/04/1997	Findings:	6.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/02/1997	Findings:	6.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/06/1997	Findings:	7.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/04/1997	Findings:	5.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/08/1998	Findings:	6.800 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/27/1987	Findings:	10.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/27/1987	Findings:	46.600 MG/L
Chemical:	SODIUM		
Sample Collected:	08/27/1987	Findings:	3.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/27/1987	Findings:	59.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/27/1987	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/27/1987	Findings:	3.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/27/1987	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/27/1987	Findings:	545.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/27/1987	Findings:	11.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/27/1987	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/27/1987	Findings:	770.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/27/1987	Findings:	8.080
Chemical:	PH (LABORATORY)		
Sample Collected:	08/27/1987	Findings:	180.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/27/1987	Findings:	220.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/27/1987	Findings:	288.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/27/1987	Findings:	98.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/27/1987	Findings:	10.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/27/1987	Findings:	46.600 MG/L
Chemical:	SODIUM		
Sample Collected:	08/27/1987	Findings:	3.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/27/1987	Findings:	59.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/27/1987	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/27/1987	Findings:	3.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/27/1987	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/27/1987	Findings:	545.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/27/1987	Findings:	11.300 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/16/1989	Findings:	11.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/24/1989	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/24/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/24/1989	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/24/1989	Findings:	3.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/24/1990	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/24/1990	Findings:	1.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/04/1990	Findings:	770.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/04/1990	Findings:	7.860
Chemical:	PH (LABORATORY)		
Sample Collected:	06/04/1990	Findings:	204.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/04/1990	Findings:	249.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/04/1990	Findings:	291.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/04/1990	Findings:	92.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/04/1990	Findings:	14.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/04/1990	Findings:	45.300 MG/L
Chemical:	SODIUM		
Sample Collected:	06/04/1990	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/04/1990	Findings:	53.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/04/1990	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/04/1990	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/04/1990	Findings:	4.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/04/1990	Findings:	446.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/04/1990	Findings:	10.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/04/1990	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/17/1990	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/17/1990	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/05/1992	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1992	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/05/1992	Findings:	5.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/05/1992	Findings:	4.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/02/1992	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/02/1992	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/17/1992	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/17/1992	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/17/1992	Findings:	6.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/30/1992	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/07/1992	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/07/1992	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/07/1992	Findings:	5.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/04/1992	Findings:	5.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/02/1992	Findings:	6.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/16/1992	Findings:	.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/17/1992	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/17/1992	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/17/1992	Findings:	5.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/30/1992	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/06/1992	Findings:	5.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/13/1992	Findings:	830.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/13/1992	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	08/13/1992	Findings:	213.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/13/1992	Findings:	260.600 MG/L
Chemical:	BICARBONATE ALKALINITY		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/01/1992	Findings:	3.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/01/1992	Findings:	1.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/01/1992	Findings:	.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/19/1992	Findings:	4.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/22/1993	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/22/1993	Findings:	6.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/20/1993	Findings:	2.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/20/1993	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/06/1993	Findings:	6.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/03/1993	Findings:	5.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/10/1993	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/10/1993	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/10/1993	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/10/1993	Findings:	4.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/02/1993	Findings:	4.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/07/1993	Findings:	4.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/02/1993	Findings:	3.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/02/1993	Findings:	.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/02/1993	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/02/1993	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/02/1993	Findings:	4.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/02/1993	Findings:	4.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/06/1994	Findings:	4.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/01/1994	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/01/1994	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/13/1994	Findings:	56.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/13/1994	Findings:	90.000 UG/L
Chemical:	BORON		
Sample Collected:	12/13/1994	Findings:	2.160 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/13/1994	Findings:	1.510 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/13/1994	Findings:	7.730 PCI/L
Chemical:	GROSS BETA		
Sample Collected:	12/13/1994	Findings:	3.140 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	12/13/1994	Findings:	- 3.600 PCI/L
Chemical:	TRITIUM		
Sample Collected:	12/13/1994	Findings:	199.700 PCI/L
Chemical:	TRITIUM COUNTING ERROR		
Sample Collected:	12/13/1994	Findings:	.250 PCI/L
Chemical:	STRONTIUM-90 COUNTING ERROR		
Sample Collected:	12/13/1994	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/13/1994	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/13/1994	Findings:	7.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/13/1994	Findings:	478.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/13/1994	Findings:	12.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/13/1994	Findings:	17.000 PCI/L
Chemical:	TOTAL RADON 222 COUNTING ERROR		
Sample Collected:	12/13/1994	Findings:	207.000 PCI/L
Chemical:	TOTAL RADON 222		
Sample Collected:	12/13/1994	Findings:	2800.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/05/1995	Findings:	5.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/02/1995	Findings:	5.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/02/1995	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/02/1995	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/02/1995	Findings:	4.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/02/1995	Findings:	15.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/02/1995	Findings:	.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/06/1995	Findings:	4.500 UG/L
Chemical:	TRICHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/12/1995	Findings:	237.000 PCI/L
Chemical:	TOTAL RADON 222		
Sample Collected:	06/12/1995	Findings:	2800.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/06/1995	Findings:	5.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/29/1997	Findings:	6.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/20/1997	Findings:	5.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/02/1997	Findings:	4.470 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/02/1997	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/02/1997	Findings:	2.370 PCI/L
Chemical:	URANIUM		
Sample Collected:	12/02/1997	Findings:	.850 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	12/02/1997	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	12/02/1997	Findings:	720.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/02/1997	Findings:	7.000
Chemical:	PH (LABORATORY)		
Sample Collected:	12/02/1997	Findings:	183.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	12/02/1997	Findings:	223.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/02/1997	Findings:	287.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	12/02/1997	Findings:	76.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/02/1997	Findings:	23.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/02/1997	Findings:	51.100 MG/L
Chemical:	SODIUM		
Sample Collected:	12/02/1997	Findings:	3.070 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/02/1997	Findings:	58.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/02/1997	Findings:	.270 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/02/1997	Findings:	15.100 UG/L
Chemical:	ARSENIC		
Sample Collected:	12/02/1997	Findings:	74.500 UG/L
Chemical:	COPPER		
Sample Collected:	12/02/1997	Findings:	461.000 UG/L
Chemical:	IRON		
Sample Collected:	12/02/1997	Findings:	10.100 UG/L
Chemical:	LEAD		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

### Water System Information:

Prime Station Code: G19/152-VOACWL7	User ID: 4TH	
FRDS Number: 1910152018	County: Los Angeles	
District Number: 07	Station Type: WELL/AMBNT/MUN/INTAKE	
Water Type: Well/Groundwater	Well Status: Active Treated	
Source Lat/Long: 335700.0 1181100.0	Precision: 1,000 Feet (10 Seconds)	
Source Name: WELL 07 - VOC - GAC BLEND A & B		
System Number: 1910152		
System Name: SOUTH GATE-CITY, WATER DEPT.		
Organization That Operates System:		
8650 CALIFORNIA AVE.		
SOUTH GATE, CA 90280		
Pop Served: 82550	Connections: 14719	
Area Served: SOUTH GATE		

### Sample Information: \* Only Findings Above Detection Level Are Listed

Sample Collected: 03/03/1994	Findings: .600 UG/L	
Chemical: TRICHLOROETHYLENE		
Sample Collected: 05/04/1995	Findings: .600 UG/L	
Chemical: TRICHLOROETHYLENE		
Sample Collected: 07/06/1995	Findings: .600 UG/L	
Chemical: TRICHLOROETHYLENE		

A10  
WNW  
1/4 - 1/2 Mile  
Higher

CA WELLS 2886

### Water System Information:

Prime Station Code: 02S/12W-31D01 S	User ID: 4TH	
FRDS Number: 1910160003	County: Los Angeles	
District Number: 07	Station Type: WELL/AMBNT/MUN/INTAKE/SUPPLY	
Water Type: Well/Groundwater	Well Status: Active Untreated	
Source Lat/Long: 335700.0 1181100.0	Precision: Undefined	
Source Name: WELL 03		
System Number: 1910160		
System Name: TRACT 349 MUTUAL WATER CO.		
Organization That Operates System:		
4630 SANTA ANA ST		
CUDAHY, CA 90201		
Pop Served: 7251	Connections: 856	
Area Served: CUDAHY		

### Sample Information: \* Only Findings Above Detection Level Are Listed

Sample Collected: 01/07/1987	Findings: 60.000 UG/L	
Chemical: MANGANESE		
Sample Collected: 06/07/1989	Findings: 720.000 UMHO	
Chemical: SPECIFIC CONDUCTANCE		
Sample Collected: 06/07/1989	Findings: 7.950	
Chemical: PH (LABORATORY)		
Sample Collected: 06/07/1989	Findings: 178.900 MG/L	
Chemical: TOTAL ALKALINITY (AS CaCO3)		
Sample Collected: 06/07/1989	Findings: 218.300 MG/L	
Chemical: BICARBONATE ALKALINITY		
Sample Collected: 06/07/1989	Findings: 220.800 MG/L	
Chemical: TOTAL HARDNESS (AS CaCO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/26/1992	Findings:	52.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/26/1992	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/26/1992	Findings:	180.000 UG/L
Chemical:	BARIUM		
Sample Collected:	05/26/1992	Findings:	57.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	05/26/1992	Findings:	420.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/26/1992	Findings:	.800
Chemical:	LANGELIER INDEX @ SOURCE TEMP.		
Sample Collected:	05/26/1992	Findings:	.030 MG/L
Chemical:	HYDROXIDE ALKALINITY		
Sample Collected:	05/26/1992	Findings:	3.980 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/26/1992	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/24/1993	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/24/1993	Findings:	.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/04/1993	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/11/1994	Findings:	.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/11/1994	Findings:	4.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/07/1995	Findings:	17.200 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	06/07/1995	Findings:	670.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/07/1995	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	06/07/1995	Findings:	162.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	06/07/1995	Findings:	197.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/07/1995	Findings:	196.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	06/07/1995	Findings:	58.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/07/1995	Findings:	11.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/07/1995	Findings:	63.500 MG/L
Chemical:	SODIUM		
Sample Collected:	06/07/1995	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/07/1995	Findings:	49.000 MG/L
Chemical:	CHLORIDE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/05/1997	Findings:	56.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	09/02/1997	Findings:	57.000 UG/L
Chemical:	MANGANESE		
Sample Collected:	11/04/1997	Findings:	58.000 UG/L
Chemical:	MANGANESE		

**A11**  
**WNW**  
 1/4 - 1/2 Mile  
 Higher

CA WELLS 2945

**Water System Information:**

Prime Station Code:	02S/13W-25Q01 S	User ID:	4TH
FRDS Number:	1910049004	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Flow
Source Lat/Long:	335700.0 1181100.0	Precision:	Undefined
Source Name:	WELL 12		
System Number:	1910049		
System Name:	HUNTINGTON PARK-CITY, WATER DEPT.		
Organization That Operates System:	6550 MILES AVENUE HUNTINGTON PARK, CA 90255		
Pop Served:	55000	Connections:	6260
Area Served:	HUNTINGTON PARK		

**Sample Information: \* Only Findings Above Detection Level Are Listed**

Sample Collected:	09/21/1988	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	09/21/1988	Findings:	550.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/21/1988	Findings:	7.890
Chemical:	PH (LABORATORY)		
Sample Collected:	09/21/1988	Findings:	166.500 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/21/1988	Findings:	203.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/21/1988	Findings:	183.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/21/1988	Findings:	58.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/21/1988	Findings:	9.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/21/1988	Findings:	42.400 MG/L
Chemical:	SODIUM		
Sample Collected:	09/21/1988	Findings:	3.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/21/1988	Findings:	29.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/21/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/21/1988	Findings:	40.000 UG/L
Chemical:	MANGANESE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/15/1994	Findings:	47.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/15/1994	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/15/1994	Findings:	401.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/15/1994	Findings:	4.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/15/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/15/1994	Findings:	926.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/22/1995	Findings:	11.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/10/1995	Findings:	4.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/02/1996	Findings:	3.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/02/1996	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/15/1996	Findings:	2.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/23/1997	Findings:	568.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/23/1997	Findings:	7.770
Chemical:	PH (LABORATORY)		
Sample Collected:	07/23/1997	Findings:	168.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/23/1997	Findings:	205.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/23/1997	Findings:	230.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/23/1997	Findings:	66.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/23/1997	Findings:	15.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/23/1997	Findings:	44.200 MG/L
Chemical:	SODIUM		
Sample Collected:	07/23/1997	Findings:	2.840 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/23/1997	Findings:	37.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/23/1997	Findings:	.480 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/23/1997	Findings:	2.050 UG/L
Chemical:	ARSENIC		
Sample Collected:	07/23/1997	Findings:	138.000 UG/L
Chemical:	BARIUM		
Sample Collected:	07/23/1997	Findings:	396.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/01/1988	Findings:	3.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/06/1989	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/06/1989	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/06/1989	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/06/1989	Findings:	8.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/31/1989	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/31/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/31/1989	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/24/1989	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/24/1989	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/24/1989	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/24/1990	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/24/1990	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/24/1990	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/04/1990	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/17/1990	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/26/1990	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/26/1990	Findings:	.970 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/26/1990	Findings:	3.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/06/1991	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/06/1991	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1992	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/17/1992	Findings:	.380 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	04/17/1992	Findings:	130.000 UG/L
Chemical:	BARIUM		
Sample Collected:	04/17/1992	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/01/1994	Findings:	8.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/28/1994	Findings:	20.000 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/28/1994	Findings:	660.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/28/1994	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	07/28/1994	Findings:	164.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/28/1994	Findings:	200.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/28/1994	Findings:	232.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/28/1994	Findings:	67.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/28/1994	Findings:	14.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/28/1994	Findings:	44.700 MG/L
Chemical:	SODIUM		
Sample Collected:	07/28/1994	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/28/1994	Findings:	39.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/28/1994	Findings:	.600 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/28/1994	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/28/1994	Findings:	371.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/28/1994	Findings:	8.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/28/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	02/02/1995	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/27/1995	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	04/27/1995	Findings:	106.000 UG/L
Chemical:	BARIUM		
Sample Collected:	04/27/1995	Findings:	10.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/27/1995	Findings:	2370.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/12/1996	Findings:	8.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/30/1996	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/03/1997	Findings:	7.920 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

### Water System Information:

Prime Station Code:	02S/12W-31Q02 S	User ID:	4TH
FRDS Number:	1910152015	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	335657.0 1181010.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 25		
System Number:	1910152		
System Name:	SOUTH GATE-CITY, WATER DEPT.		
Organization That Operates System:	8650 CALIFORNIA AVE. SOUTH GATE, CA 90280		
Pop Served:	82550	Connections:	14719
Area Served:	SOUTH GATE		

### Sample Information: \* Only Findings Above Detection Level Are Listed

Sample Collected:	09/21/1988	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	09/21/1988	Findings:	600.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/21/1988	Findings:	7.930
Chemical:	PH (LABORATORY)		
Sample Collected:	09/21/1988	Findings:	164.700 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	09/21/1988	Findings:	200.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/21/1988	Findings:	199.200 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	09/21/1988	Findings:	60.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/21/1988	Findings:	11.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/21/1988	Findings:	43.700 MG/L
Chemical:	SODIUM		
Sample Collected:	09/21/1988	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/21/1988	Findings:	36.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/21/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/21/1988	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/21/1988	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/21/1988	Findings:	352.600 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/21/1988	Findings:	4.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/21/1988	Findings:	.800 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/01/1988	Findings:	4.700 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/13/1991	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/13/1991	Findings:	24.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/13/1991	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/13/1991	Findings:	300.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/13/1991	Findings:	.600
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	08/13/1991	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/06/1991	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1992	Findings:	2.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/05/1992	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/24/1992	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/24/1992	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/17/1992	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/17/1992	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/05/1992	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/05/1992	Findings:	.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/05/1992	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/05/1992	Findings:	.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/17/1992	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/31/1992	Findings:	630.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/31/1992	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	08/31/1992	Findings:	156.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	08/31/1992	Findings:	190.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/31/1992	Findings:	198.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	08/31/1992	Findings:	59.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/31/1992	Findings:	12.000 MG/L
Chemical:	MAGNESIUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/28/1994	Findings:	72.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/28/1994	Findings:	13.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/28/1994	Findings:	46.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/28/1994	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/28/1994	Findings:	41.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/28/1994	Findings:	.600 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/28/1994	Findings:	3.900 UG/L
Chemical:	ARSENIC		
Sample Collected:	07/28/1994	Findings:	114.000 UG/L
Chemical:	BARIUM		
Sample Collected:	07/28/1994	Findings:	2.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/28/1994	Findings:	376.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/28/1994	Findings:	6.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/28/1994	Findings:	.100 NTU
Chemical:	TURBIDITY (LA6)		
Sample Collected:	07/28/1994	Findings:	1896.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/07/1994	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/02/1995	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/02/1995	Findings:	1.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/02/1995	Findings:	8.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/27/1995	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/03/1995	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/01/1995	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/12/1996	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/12/1996	Findings:	7.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/15/1996	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/30/1996	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/30/1996	Findings:	1.100 UG/L
Chemical:	TRICHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/11/1997	Findings:	2.790 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/11/1997	Findings:	1.630 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

<b>14</b> <b>South</b> <b>1/2 - 1 Mile</b> <b>Higher</b>	Site ID:	I-15336		
	Groundwater Flow:	Not Reported	<b>AQUIFLOW</b>	<b>69674</b>
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	26		
	Date:	01/29/1993		

<b>15</b> <b>ENE</b> <b>1/2 - 1 Mile</b> <b>Higher</b>		<b>CA WELLS</b>	<b>3925</b>
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### Water System Information:

Prime Station Code:	03S/12W-05B06 S	User ID:	4TH
FRDS Number:	1910034001	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	335700.0 1181000.0	Precision:	Undefined
Source Name:	OLD PWC WELL 11-A - DESTROYED		
System Number:	1910034		
System Name:	DOWNEY - CITY, WATER DEPT.		
Organization That Operates System:	9252 Stewart & Gray Road Downey, CA 90241		
Pop Served:	91000	Connections:	23000
Area Served:	DOWNEY		

<b>16</b> <b>North</b> <b>1/2 - 1 Mile</b> <b>Higher</b>		<b>CA WELLS</b>	<b>2885</b>
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### Water System Information:

Prime Station Code:	02S/12W-31B03 S	User ID:	MET
FRDS Number:	1910011008	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Standby Raw
Source Lat/Long:	335727.0 1181038.8	Precision:	Undefined
Source Name:	HOFFMAN WELL 02 - STANDBY		
System Number:	1910011		
System Name:	SCWC - BELL, BELL GARDENS		
Organization That Operates System:	12035 Burke Street, #1 Santa Fe Springs, CA 90670		
Pop Served:	48500	Connections:	7004
Area Served:	BELL-BELL GARDENS		

### Sample Information: \* Only Findings Above Detection Level Are Listed

Sample Collected:	10/03/1985	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/03/1985	Findings:	4.800 UG/L
Chemical:	TRICHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/13/1988	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/13/1988	Findings:	4.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/22/1989	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/22/1989	Findings:	4.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/13/1989	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/13/1989	Findings:	.130 UG/L
Chemical:	ALUMINUM, DISSOLVED		
Sample Collected:	06/13/1989	Findings:	4.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/13/1989	Findings:	.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/13/1989	Findings:	.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/13/1989	Findings:	2.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/13/1989	Findings:	19.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/29/1989	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/29/1989	Findings:	3.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/29/1989	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/29/1989	Findings:	3.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/29/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/29/1989	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/02/1990	Findings:	2.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/19/1990	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/19/1990	Findings:	4.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/30/1990	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/30/1990	Findings:	3.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/26/1990	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/26/1990	Findings:	4.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/30/1990	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/08/1991	Findings:	5.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/15/1991	Findings:	7.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/15/1991	Findings:	3.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/22/1991	Findings:	5.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/28/1991	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	05/28/1991	Findings:	4.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/29/1991	Findings:	4.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/05/1991	Findings:	2.490 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/12/1991	Findings:	5.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/19/1991	Findings:	4.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/25/1991	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/25/1991	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/25/1991	Findings:	8.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/26/1991	Findings:	9.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/02/1991	Findings:	8.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/02/1991	Findings:	5.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/10/1991	Findings:	7.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/22/1991	Findings:	900.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/22/1991	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	07/22/1991	Findings:	225.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/22/1991	Findings:	272.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/22/1991	Findings:	1.530 MG/L
Chemical:	CARBONATE ALKALINITY		
Sample Collected:	07/22/1991	Findings:	344.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/22/1991	Findings:	94.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/22/1991	Findings:	26.000 MG/L
Chemical:	MAGNESIUM		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/22/1991	Findings:	1.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/22/1991	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/22/1991	Findings:	5.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/04/1991	Findings:	4.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	12/17/1991	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/17/1991	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/17/1991	Findings:	5.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/02/1992	Findings:	3.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/27/1992	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/27/1992	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/27/1992	Findings:	5.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/05/1992	Findings:	4.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/11/1992	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/11/1992	Findings:	3.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/04/1992	Findings:	3.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/23/1992	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/23/1992	Findings:	4.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/01/1992	Findings:	3.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/13/1992	Findings:	.370 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	04/13/1992	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/13/1992	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/13/1992	Findings:	5.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	04/13/1992	Findings:	24.640 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/06/1992	Findings:	2.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/18/1992	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/20/1993	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/28/1993	Findings:	7.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/05/1993	Findings:	9.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/12/1993	Findings:	6.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/02/1993	Findings:	4.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/17/1993	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/17/1993	Findings:	3.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/07/1993	Findings:	6.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/20/1993	Findings:	3.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/20/1993	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/20/1993	Findings:	.700 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/20/1993	Findings:	5.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/03/1993	Findings:	.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/03/1993	Findings:	5.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/04/1993	Findings:	4.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/01/1993	Findings:	5.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/02/1993	Findings:	1.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/06/1993	Findings:	4.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/19/1993	Findings:	4.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/19/1993	Findings:	1.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/19/1993	Findings:	5.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	10/19/1993	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/19/1993	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/19/1993	Findings:	5.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/03/1993	Findings:	6.100 UG/L
Chemical:	TRICHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/01/1994	Findings:	8.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/16/1994	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/16/1994	Findings:	10.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/06/1994	Findings:	7.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/26/1994	Findings:	17.800 C
Chemical:	SOURCE TEMPERATURE C		
Sample Collected:	07/26/1994	Findings:	850.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/26/1994	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	07/26/1994	Findings:	217.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CaCO3)		
Sample Collected:	07/26/1994	Findings:	265.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/26/1994	Findings:	324.000 MG/L
Chemical:	TOTAL HARDNESS (AS CaCO3)		
Sample Collected:	07/26/1994	Findings:	89.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/26/1994	Findings:	23.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/26/1994	Findings:	50.500 MG/L
Chemical:	SODIUM		
Sample Collected:	07/26/1994	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/26/1994	Findings:	63.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/26/1994	Findings:	.700 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/26/1994	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/26/1994	Findings:	1.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/26/1994	Findings:	8.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/26/1994	Findings:	496.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/26/1994	Findings:	24.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/26/1994	Findings:	.600 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/03/1994	Findings:	6.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/09/1994	Findings:	.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/09/1994	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/26/1995	Findings:	69.000 UG/L
Chemical:	ALUMINUM		
Sample Collected:	05/26/1995	Findings:	6.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/26/1995	Findings:	20.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/26/1995	Findings:	4673.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/13/1995	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	06/13/1995	Findings:	1.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/13/1995	Findings:	10.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/26/1995	Findings:	1.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	07/26/1995	Findings:	11.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/26/1995	Findings:	22.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/15/1995	Findings:	1.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/15/1995	Findings:	1.000 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/15/1995	Findings:	12.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/20/1995	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/20/1995	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/20/1995	Findings:	9.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/10/1995	Findings:	13.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/26/1995	Findings:	1.400 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/26/1995	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/26/1995	Findings:	10.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/15/1995	Findings:	10.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/16/1995	Findings:	1.300 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/16/1995	Findings:	.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/16/1995	Findings:	10.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/16/1995	Findings:	23.300 MG/L
Chemical:	NITRATE (AS NO3)		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/16/1996	Findings:	1.800 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	10/16/1996	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	10/16/1996	Findings:	11.900 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/01/1996	Findings:	2.100 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	11/01/1996	Findings:	3.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	11/01/1996	Findings:	15.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	11/01/1996	Findings:	18.480 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/06/1996	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/06/1996	Findings:	2.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/06/1996	Findings:	13.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/24/1997	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	01/24/1997	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/24/1997	Findings:	12.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/18/1997	Findings:	1.500 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	02/18/1997	Findings:	1.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/18/1997	Findings:	10.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/05/1997	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	03/05/1997	Findings:	2.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/05/1997	Findings:	9.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/05/1997	Findings:	18.480 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/05/1997	Findings:	4200.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	04/04/1997	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	04/04/1997	Findings:	2.100 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	04/04/1997	Findings:	11.300 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/09/1997	Findings:	1.600 UG/L
Chemical:	TETRACHLOROETHYLENE		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/24/1997	Findings:	3.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	07/24/1997	Findings:	11.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	07/24/1997	Findings:	518.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/24/1997	Findings:	12.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/24/1997	Findings:	.220 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/14/1997	Findings:	1.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/14/1997	Findings:	3.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/14/1997	Findings:	15.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/28/1997	Findings:	2.200 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/28/1997	Findings:	13.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/28/1997	Findings:	2.000 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/28/1997	Findings:	14.200 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/28/1997	Findings:	1.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	08/28/1997	Findings:	13.800 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	09/05/1997	Findings:	2.900 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	09/05/1997	Findings:	2.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	09/05/1997	Findings:	14.000 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	10/09/1997	Findings:	.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/03/1997	Findings:	2.600 UG/L
Chemical:	TETRACHLOROETHYLENE		
Sample Collected:	12/03/1997	Findings:	1.800 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	12/03/1997	Findings:	14.000 UG/L
Chemical:	TRICHLOROETHYLENE		

17  
NW  
1/2 - 1 Mile  
Higher

CA WELLS 2971

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/15/1996	Findings:	2.950 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/15/1996	Findings:	1.930 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/16/1996	Findings:	3.770 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	04/16/1996	Findings:	1.790 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	07/09/1996	Findings:	3.130 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	07/09/1996	Findings:	1.290 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	10/24/1996	Findings:	3.420 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	10/24/1996	Findings:	1.440 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/17/1997	Findings:	.150 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/17/1997	Findings:	51.000 UG/L
Chemical:	ZINC		
Sample Collected:	06/17/1997	Findings:	5.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/17/1997	Findings:	.600 UG/L
Chemical:	STYRENE		
Sample Collected:	10/15/1997	Findings:	276.000 UG/L
Chemical:	IRON		
Sample Collected:	11/19/1997	Findings:	188.000 UG/L
Chemical:	IRON		
Sample Collected:	12/17/1997	Findings:	534.000 UG/L
Chemical:	IRON		
Sample Collected:	12/17/1997	Findings:	612.000 UG/L
Chemical:	IRON		

18  
NE  
1/2 - 1 Mile  
Higher

Site ID: 0519  
Groundwater Flow: NE,E  
Shallow Water Depth: Not Reported  
Deep Water Depth: 16.6  
Average Water Depth: Not Reported  
Date: 12/18/1996

AQUIFLOW 66903

19  
NNW  
1/2 - 1 Mile  
Higher

FRDS PWS CA1910159

PWS ID: CA1910159 PWS Status: Not Reported  
Date Initiated: Not Reported Date Deactivated: Not Reported  
PWS Name: TRACT 180 MUTUAL WATER CO.  
CUAHEY, CA 90201

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STATE RECORDS

#### California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

#### California Oil and Gas Well Locations for District 2 and 6

Source: Department of Conservation

Telephone: 916-323-1779

### RADON

**Area Radon Information:** The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

**EPA Radon Zones:** Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

**Epicenters:** World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

**California Earthquake Fault Lines:** The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.



**Appendix C2:**  
**Public Records Requests and Responses**

**CPI**  
**Environmental Services, Inc.**

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799 Roosevelt Rd., Bldg 6, Ste. 110 - Glen Ellyn, Illinois 60137  
phone: 630/469-6340 — fax: 630/469-6470

March 29, 2002

Mr. Gary Guillermo  
Los Angeles County Fire Department  
Public Records Office  
5815 Rickenbacker Road  
Commerce, CA 90040

RE: Public Records Act Request

Dear Mr. Guillermo:

Please provide a copy of the following incident reports for the Macleod Metals, Inc./Firma Plastics Inc. facility located at 9309 Rayo Avenue in South Gate, California:

<u>Incident #</u>	<u>Date</u>
156888	August 8, 2001
169987	August 26, 2001
36702	February 20, 2002

Per your request I have attached a check for the amount of \$15.00. If you have questions or require additional information, please feel free to contact me at (630) 469-6340 ext. 103. Thank you for your cooperation in processing this request.

Sincerely,  
CPI Environmental Services, Inc.



Nahid A. Brown, P.G.  
Senior Project Manager



# LOS ANGELES COUNTY FIRE DEPARTMENT

**PUBLIC INCIDENT REPORT as of 04/01/2002**

**Reporting Station/Engine:** 054  
**Address:** 4867 Southern Ave. South Gate CA 90280-3466  
**Phone:** (323) 567-8580  
**Incident Number:** 0156888  
**Exposure Number:** 000  
**Incident Date:** 08/08/2001  
**Dispatch Time:** 18:28:44  
**Incident Address:** 9309 RAYO Ave SOUTH GATE CA  
**Owner/Occupant:**  
**Property Use:** 700 - Manufacturing, processing  
**Number of Stories:**  
**Roof Covering:** 0 - Roof covering undetermined  
**Detection System Type:**  
**Detection Performance:**  
**Incident Situation:** 111 - Building fire  
**Action(s) Taken:** 11 - Extinguish  
**Ignition**  
**Cause:** 3 - Failure of equipment or heat source  
**Area of Origin:** 58 - Conveyor  
**Heat Source:** 11 - Spark, ember or flame from operating equipment  
**Fire Spread:** 4 - Confined to building of origin  
**Material First Ignited**  
**Item:**  
**Type of material:**  
**Equipment Involved in Ignition**  
**Portability:** 2 - Stationary  
**Power:** 11 - Electrical line voltage (> 50 volts)  
**Mobile Property Involved in Ignition**  
**Type:**  
**Make:**  
**Model:**  
**Year:**  
**Estimated Property Loss:** \$100,000  
**Estimated Contents Loss:** \$0

Information contained in this report is intended for the sole use of the Los Angeles County Fire Department. Estimation and evaluations made herein represent "most likely" and "most probable" cause and effect. Any representation as to validity or accuracy of data contained in this report, where it pertains to the statistical data base of the Los Angeles County Fire Department, is neither intended or implied.

For further information, please call:

Information Management Division	(323) 890-4194
5815 Rickenbacker Rd. Commerce, CA 90040	
Fire Dept. Arson Unit	(626) 433-1011
Sheriff's Arson Unit	(562) 946-7222
Hazardous Materials	(323) 890-7806



# LOS ANGELES COUNTY FIRE DEPARTMENT

**PUBLIC INCIDENT REPORT as of 04/01/2002**

**Reporting Station/Engine:** 054  
**Address:** 4867 Southern Ave. South Gate CA 90280-3466  
**Phone:** (323) 567-8580  
**Incident Number:** 0036702  
**Exposure Number:** 000  
**Incident Date:** 02/20/2002  
**Dispatch Time:** 21:53:05  
**Incident Address:** RAYO Ave SOUTH GATE CA  
**Owner/Occupant:**  
**Property Use:** 960 - Street, other  
**Number of Stories:**  
**Roof Covering:**  
**Detection System Type:**  
**Detection Performance:**  
**Incident Situation:** 671 - Hazmat release investigation w/ no hazmat  
**Action(s) Taken:** 86 - Investigate  
**Ignition**  
**Cause:**  
**Area of Origin:**  
**Heat Source:**  
**Fire Spread:**  
**Material First Ignited**  
**Item:**  
**Type of material:**  
**Equipment Involved in Ignition**  
**Portability:**  
**Power:**  
**Mobile Property Involved in Ignition**  
**Type:**  
**Make:**  
**Model:**  
**Year:**

**Estimated Property Loss:**

**Estimated Contents Loss:**

Information contained in this report is intended for the sole use of the Los Angeles County Fire Department. Estimation and evaluations made herein represent "most likely" and "most probable" cause and effect. Any representation as to validity or accuracy of data contained in this report, where it pertains to the statistical data base of the Los Angeles County Fire Department, is neither intended or implied.

For further information, please call:

Information Management Division	(323) 890-4194
5815 Rickenbacker Rd. Commerce, CA 90040	
Fire Dept. Arson Unit	(626) 433-1011
Sheriff's Arson Unit	(562) 946-7222
Hazardous Materials	(323) 890-7806



# LOS ANGELES COUNTY FIRE DEPARTMENT

## PUBLIC INCIDENT REPORT as of 04/01/2002

**Reporting Station/Engine:** 054  
**Address:** 4867 Southern Ave. South Gate CA 90280-3466  
**Phone:** (323) 567-8580  
**Incident Number:** 0169987  
**Exposure Number:** 000  
**Incident Date:** 08/26/2001  
**Dispatch Time:** 16:32:59  
**Incident Address:** 9309 RAYO Ave SOUTH GATE CA  
**Owner/Occupant:**  
**Property Use:** 807 - Outside material storage area  
**Number of Stories:**  
**Roof Covering:**  
**Detection System Type:**  
**Detection Performance:**  
**Incident Situation:** 160 - Special outside fire, other  
**Action(s) Taken:** 11 - Extinguish  
**Ignition**  
**Cause:** 4 - Act of nature  
**Area of Origin:** 40 - Storage area, other  
**Heat Source:** 00 - Heat source: other  
**Fire Spread:**  
**Material First Ignited**  
**Item:**  
**Type of material:**  
**Equipment Involved in Ignition**  
**Portability:** 1 - Portable  
**Power:** UU - Undetermined  
**Mobile Property Involved in Ignition**  
**Type:**  
**Make:**  
**Model:**  
**Year:**  
**Estimated Property Loss:** \$500  
**Estimated Contents Loss:** \$0

Information contained in this report is intended for the sole use of the Los Angeles County Fire Department. Estimation and evaluations made herein represent "most likely" and "most probable" cause and effect. Any representation as to validity or accuracy of data contained in this report, where it pertains to the statistical data base of the Los Angeles County Fire Department, is neither intended or implied.

For further information, please call: Information Management Division (323) 890-4194  
5815 Rickenbacker Rd. Commerce, CA  
90040  
Fire Dept. Arson Unit (626) 433-1011  
Sheriff's Arson Unit (562) 946-7222  
Hazardous Materials (323) 890-7806

**CPI**  
**Environmental Services, Inc.**

---

799 Roosevelt Rd., Bldg 6, Ste. 110 - Glen Ellyn, Illinois 60137  
phone: 630/469-6340 — fax: 630/469-6470

March 7, 2002

Ms. Lillian Baxter  
Department of Toxic Substances Control  
Public Participation Unit  
1001 I Street  
P.O. Box 806  
Sacramento, CA 95814

RE: Public Records Act Request

Dear Ms. Baxter:

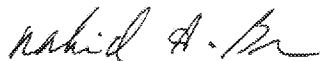
With this letter, CPI Environmental Services, Inc. (CPI) is requesting a copy of all available files regarding the following site:

**Macleod Metals, Inc.**  
**9309 Rayo Avenue**  
**South Gate, CA 90280**

If no records are available, please provide a brief written statement indicating that no information was available for the above-referenced site.

CPI appreciates your cooperation in processing this request. If you have questions or require additional information, please feel free to contact me at (630) 469-6340 ext. 103.

Sincerely,  
CPI Environmental Services, Inc.



Nahid A. Brown, P.G.  
Senior Project Manager



## Department of Toxic Substances Control



Winston H. Hickox  
Agency Secretary  
California Environmental  
Protection Agency

Edwin F. Lowry, Director  
1011 N. Grandview Avenue  
Glendale, California 91201

Gray Davis  
Governor

March 22, 2002

Nahid A. Brown, P.G  
CPI Environmental Services, Inc.  
799 Roosevelt Rd., Bldg. 6 Ste., 110  
Glenn Ellyn, Illinois 60137

PUBLIC RECORDS ACT REQUEST DATED: 03/18/02/FAX

SUBJECT: Macleod Metals, Inc. 9309 Rayo Ave., South Gate, CA 90280

DTSC PR303200215

Dear Nahid Brown:

We have received your Public Records Act Request for information from  
The Department of Toxic Substances Control.

After a thorough review of our files we have found that no such records  
exist pertaining to the site/facility referenced above.

If you have any questions or would like further information regarding your  
request, please contact me at (818) 551-2886.

Sincerely,

Jone Barrio  
Regional Records Coordinator

Attachment

**CPI**  
**Environmental Services, Inc.**

---

799 Roosevelt Rd., Bldg 6, Ste. 110 - Glen Ellyn, Illinois 60137  
phone: 630/469-6340 — fax: 630/469-6470

March 7, 2002

Ms. Lillian Baxter  
Department of Toxic Substances Control  
Public Participation Unit  
1001 I Street  
P.O. Box 806  
Sacramento, CA 95814

RE: Public Records Act Request

Dear Ms. Baxter:

With this letter, CPI Environmental Services, Inc. (CPI) is requesting a copy of all available files regarding the following site:

**Macleod Metals, Inc.**  
**9309 Rayo Avenue**  
**South Gate, CA 90280** *with*

If no records are available, please provide a brief written statement indicating that no information was available for the above-referenced site.

CPI appreciates your cooperation in processing this request. If you have questions or require additional information, please feel free to contact me at (630) 469-6340 ext. 103.

Sincerely,  
CPI Environmental Services, Inc.

*Nahid A. Brown*  
Nahid A. Brown, P.G.  
Senior Project Manager

Received By:  
MAR 18 2002  
DTSC FILE ROOM

PR303200215



**CPI**  
**Environmental Services, Inc.**

---

799 Roosevelt Rd., Bldg 6, Ste. 110 - Glen Ellyn, Illinois 60137  
phone: 630/469-6340 — fax: 630/469-6470

March 7, 2002

Ms. Susan Luong, Public Records Act Coordinator  
Office of Environmental Health Hazard Assessment  
1001 I Street  
Sacramento, CA 95814

RE: Public Records Act Request

Dear Ms. Luong:

With this letter, CPI Environmental Services, Inc. (CPI) is requesting a copy of all available files regarding the following site:

**Macleod Metals, Inc.**  
**9309 Rayo Avenue**  
**South Gate, CA 90280**

If no records are available, please provide a brief written statement indicating that no information was available for the above-referenced site.

CPI appreciates your cooperation in processing this request. If you have questions or require additional information, please feel free to contact me at (630) 469-6340 ext. 103.

Sincerely,  
CPI Environmental Services, Inc.



Nahid A. Brown, P.G.  
Senior Project Manager

# Office of Environmental Health Hazard Assessment



Winston H. Hickox  
Agency Secretary

Joan E. Denton, Ph.D., Director  
Headquarters • 1001 I Street • Sacramento, California 95814  
Mailing Address: P.O. Box 4010 • Sacramento, California 95812-4010  
Oakland Office • Mailing Address: 1515 Clay Street, 16<sup>th</sup> Floor • Oakland, California 94612



Gray Davis  
Governor

March 27, 2002

Mr. Nahid A. Brown, P.G.  
Senior Project Manager  
CPI Environmental Services, Inc.  
799 Roosevelt Road, Building 6, Suite 110  
Glen Ellyn, Illinois 60137

Re: Public Records Act Request - PRA Number 02-52  
Records of Macleod Metals, Inc., South Gate, California

Dear Mr. Brown:

We have received your Public Records Act Request dated March 7, 2002 for information from the Office of Environmental Health Hazard Assessment.

Your request has been routed to staff of the Integrated Risk Assessment Section for research and response.

If you have any questions, please feel free to contact me at (916) 327-3015.

Sincerely,

Susan Luong  
Public Records Coordinator

cc: Colleen Heck, Chief Counsel, OEHHA  
David M. Siegel, Ph.D., Chief, Integrated Risk Assessment Section, OEHHA



**CPI**  
**Environmental Services, Inc.**

---

799 Roosevelt Rd., Bldg 6, Ste. 110 - Glen Ellyn, Illinois 60137  
phone: 630/469-6340 — fax: 630/469-6470

March 7, 2002

*Air Resources Board*

Mr. Jerry Martin

Public Information Office

1001 I Street

Sacramento, CA 95814

RE: Public Records Act Request

Dear Mr. Martin:

With this letter, CPI Environmental Services, Inc. (CPI) is requesting a copy of all available files regarding the following site:

**Macleod Metals, Inc.**  
**9309 Rayo Avenue**  
**South Gate, CA 90280**

If no records are available, please provide a brief written statement indicating that no information was available for the above-referenced site.

CPI appreciates your cooperation in processing this request. If you have questions or require additional information, please feel free to contact me at (630) 469-6340 ext. 103.

Sincerely,  
CPI Environmental Services, Inc.

*Nahid A. Brown*

Nahid A. Brown, P.G.  
Senior Project Manager

**CPI**  
**Environmental Services, Inc.**

---

799 Roosevelt Rd., Bldg 6, Ste. 110 - Glen Ellyn, Illinois 60137  
phone: 630/469-6340 — fax: 630/469-6470

March 7, 2002

County of Los Angeles  
Department of Health Services  
313 N. Figueroa Street  
Los Angeles, CA 90012

RE: Public Records Act Request

Dear Sir or Madam:

With this letter, CPI Environmental Services, Inc. (CPI) is requesting a copy of all available files regarding the following site:

**Macleod Metals, Inc.**  
**9309 Rayo Avenue**  
**South Gate, CA 90280**

If no records are available, please provide a brief written statement indicating that no information was available for the above-referenced site.

CPI appreciates your cooperation in processing this request. If you have questions or require additional information, please feel free to contact me at (630) 469-6340 ext. 103.

Sincerely,  
CPI Environmental Services, Inc.

  
Nahid A. Brown, P.G.  
Senior Project Manager

**CPI**  
**Environmental Services, Inc.**

---

799 Roosevelt Rd., Bldg 6, Ste. 110 - Glen Ellyn, Illinois 60137  
phone: 630/469-6340 — fax: 630/469-6470

March 12, 2002

Ms. Lisa Brown  
Assistant Counsel  
Office of the Secretary for Environmental Protection  
1001 I Street  
Sacramento, CA 95814

RE: Public Records Act Request

Dear Ms. Brown:

With this letter, CPI Environmental Services, Inc. (CPI) is requesting a copy of all available files regarding the following property:

**Macleod Metals, Inc. / Firma Plasties, Inc.**  
**9309 Rayo Avenue**  
**South Gate, CA 90280**

If no records are available, please provide a brief written statement indicating that no information was available for the above-referenced property.

CPI appreciates your cooperation in processing this request. If you have questions or require additional information, please feel free to contact me at (630) 469-6340 ext. 103.

Sincerely,  
CPI Environmental Services, Inc.



Nahid A. Brown, P.G.  
Senior Project Manager

**CPI**  
**Environmental Services, Inc.**

---

799 Roosevelt Rd., Bldg 6, Ste. 110 - Glen Ellyn, Illinois 60137  
phone: 630/469-6340 — fax: 630/469-6470

March 12, 2002

Los Angeles County Fire Department  
Public Records Office  
5815 Rickenbacker Road  
Commerce, CA 90040

RE: Public Records Act Request

Dear Sir or Madam:

With this letter, CPI Environmental Services, Inc. (CPI) is requesting a copy of all available files including emergency response and spill records for the following property:

**Macleod Metals, Inc. / Firma Plastics, Inc.**  
**9309 Rayo Avenue**  
**South Gate, CA 90280**

If no records are available, please provide a brief written statement indicating that no information was available for the above-referenced property.

CPI appreciates your cooperation in processing this request. If you have questions or require additional information, please feel free to contact me at (630) 469-6340 ext. 103.

Sincerely,  
CPI Environmental Services, Inc.



Nahid A. Brown, P.G.  
Senior Project Manager



Winston H. Hickox  
Agency Secretary

# California Environmental Protection Agency

Air Resources Board • Department of Pesticide Regulation • Department of Toxic Substances Control  
Integrated Waste Management Board • Office of Environmental Health Hazard Assessment  
State Water Resources Control Board • Regional Water Quality Control Boards



Gray Davis  
Governor

March 26, 2002

Nahid A. Brown, P.G.  
Senior Project Manager  
CPI Environmental Services, Inc.  
799 Roosevelt Rd., Bldg. 6, Ste. 110  
Glen Ellyn, Illinois 60137

Re: Public Records Act Request  
Our file PRA 2002 #12

Dear Mr. Brown:

We have received your letter regarding the following:

Macleod Metals, Inc. / Firma Plastics, Inc.  
9309 Rayo Avenue  
South Gate, CA 90280

Specifically, you requested a copy of all available files regarding the above property.

After reviewing the files of the Office of the Secretary, no records relevant to your request were discovered. Please be advised that the Office of the Secretary does not perform inspection, or cleanup activities. These activities are undertaken by the six Offices, Boards and Departments within the agency. The Office of the Secretary deals primarily with policy, budget, legislative and intergovernmental relations issues. The Office of the Secretary does not respond to public records act requests on behalf of the Offices, Boards and Departments within the agency.

You may wish to contact one or more of our constituent entities regarding your request individually to determine if they have pertinent information. I have provided a list of contacts for public record requests for each board, department, and office within Cal/EPA. In addition, local agencies such as local county or city health departments may have the information you seek.

Mr. Nahid A. Brown  
March 26, 2002  
Page 2

Please feel free to call me at (916) 322-3638 or via e-mail at  
[cmonahan@calepa.ca.gov](mailto:cmonahan@calepa.ca.gov).

Sincerely,

A handwritten signature in cursive script, appearing to read "Carol J. Monahan".

Carol J. Monahan  
Assistant General Counsel  
Office of the Secretary  
California Environmental Protection Agency

Enclosure



**CPI**  
**Environmental Services, Inc.**

---

799 Roosevelt Rd., Bldg 6, Ste. 110 - Glen Ellyn, Illinois 60137  
phone: 630/469-6340 — fax: 630/469-6470

March 12, 2002

Mr. Ted Cobb  
Assistant Chief Counsel  
State Water Resources Control Board  
Regional Water Quality Control Boards  
P.O. Box 100  
1001 I Street  
Sacramento, CA 95814

*No Records*

RE: Public Records Act Request

Dear Mr. Cobb:

With this letter, CPI Environmental Services, Inc. (CPI) is requesting a copy of all available files regarding the following property:

**Macleod Metals, Inc. / Firma Plastics, Inc.**  
**9309 Rayo Avenue**  
**South Gate, CA 90280**

If no records are available, please provide a brief written statement indicating that no information was available for the above-referenced property.

CPI appreciates your cooperation in processing this request. If you have questions or require additional information, please feel free to contact me at (630) 469-6340 ext. 103.

Sincerely,  
CPI Environmental Services, Inc.



Nahid A. Brown, P.G.  
Senior Project Manager

**CPI**  
**Environmental Services, Inc.**

---

799 Roosevelt Rd., Bldg 6, Ste. 110 - Glen Ellyn, Illinois 60137  
phone: 630/469-6340 — fax: 630/469-6470

March 29, 2002

Mr. Gary Guillermo  
Los Angeles County Fire Department  
Public Records Office  
5815 Rickenbacker Road  
Commerce, CA 90040

RE: Public Records Act Request

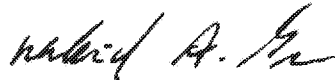
Dear Mr. Guillermo:

Please provide a copy of the following incident reports for the Macleod Metals, Inc./Firma Plastics Inc. facility located at 9309 Rayo Avenue in South Gate, California:

<u>Incident #</u>	<u>Date</u>
156888	August 8, 2001
169987	August 26, 2001
36702	February 20, 2002

Per your request I have attached a check for the amount of \$15.00. If you have questions or require additional information, please feel free to contact me at (630) 469-6340 ext. 103. Thank you for your cooperation in processing this request.

Sincerely,  
CPI Environmental Services, Inc.



Nahid A. Brown, P.G.  
Senior Project Manager

**Appendix D1:**  
**Sanborn Fire Insurance Maps**

"Linking Technology with Tradition"

## Sanborn® Map Report

**Ship to:** N. Brown

Continental Placer, Inc.

799 Roosevelt Road

Glen Ellyn, IL 60137

**Order Date:** 3/15/2002

**Completion Date:** 03/19/2002

**Inquiry #:** 746432.4s

**P.O. #:** NA

**Site Name:** Macleod Metals, Inc.

**Address:** 9309 Rayo Avenue

**City/State:** South Gate, CA 90280

1020215LIZ

630-469-6340

**Cross Streets:** Firestone Boulevard

Based on client-supplied information, fire insurance maps for the following years were identified

1950 - 1 - map

1966 - 1 - map

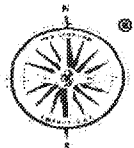
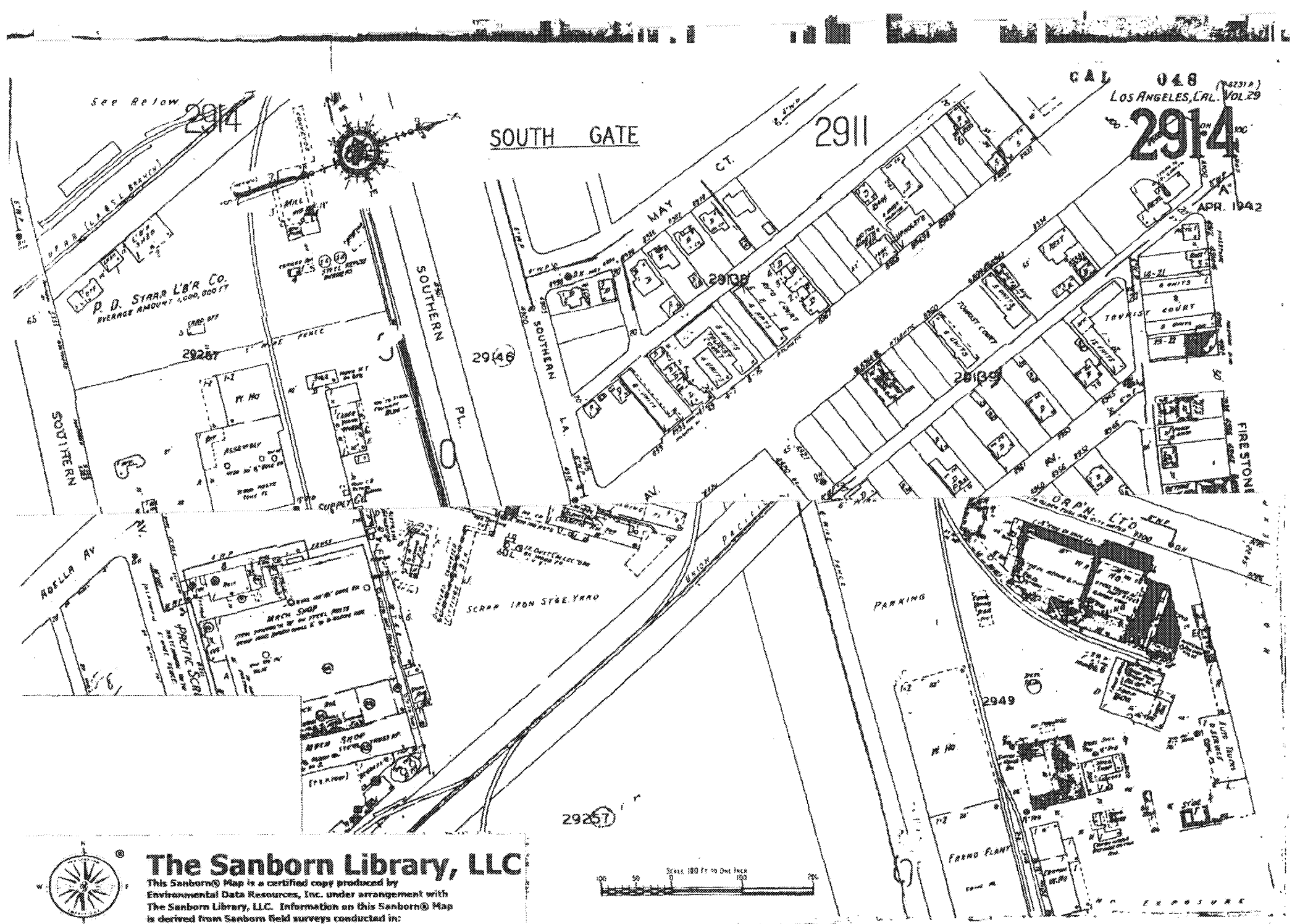
Total Maps: 2

### Limited Permission to Photocopy

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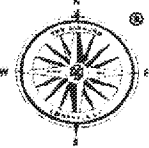
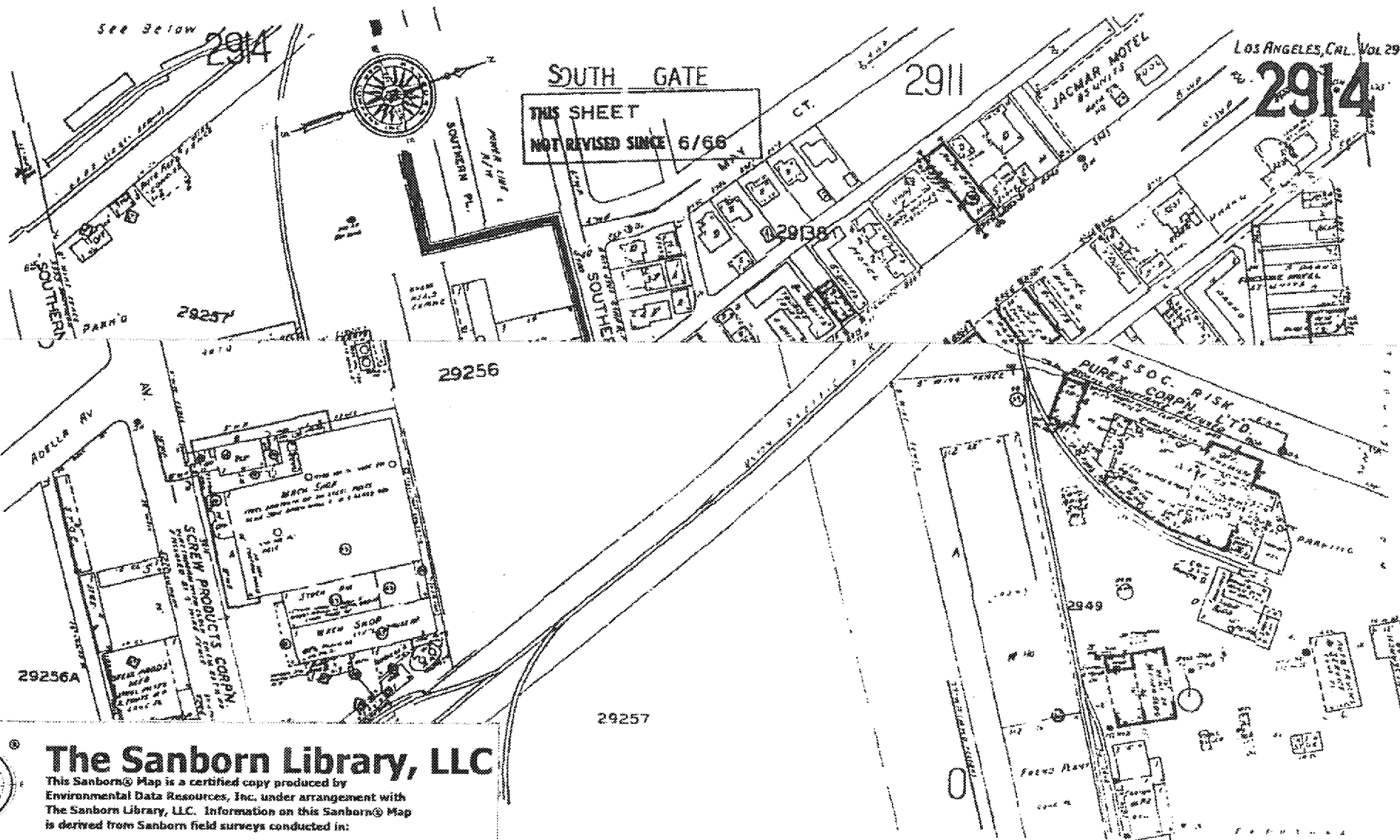
The Sanborn Library, LLC

CIL

Year

EDR Research Associate

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Year		EDR Research Associates

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## **Appendix D2: Historical Aerial Photographs**

# Environmental Data Resources, Inc.

## Aerial Photography Print Service

Environmental Data Resources, Inc.'s (EDR) Aerial Photography Print Service is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.2, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land tide records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires "*All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful.*" (ASTM E 1527-00, Section 7.3.2, page 11).

### Aerial Photographs

Aerial photographs are a valuable historical resource for documenting past land use and can be particularly helpful when other historical sources (such as city directories or fire insurance maps) are not reasonably ascertainable. The EDR Aerial Photograph Print Service includes a search of aerial photograph collections flown by public and private agencies for the state of California. EDR's professional field-based researchers provide digitally reproduced historical aerial photographs at approximately ten year intervals.

Please call EDR Nationwide Customer Service at  
1-800-362-0050 (8a.m.-8pm EST)  
with questions or comments about your report.  
*Thank you for your business!*

### Disclaimer

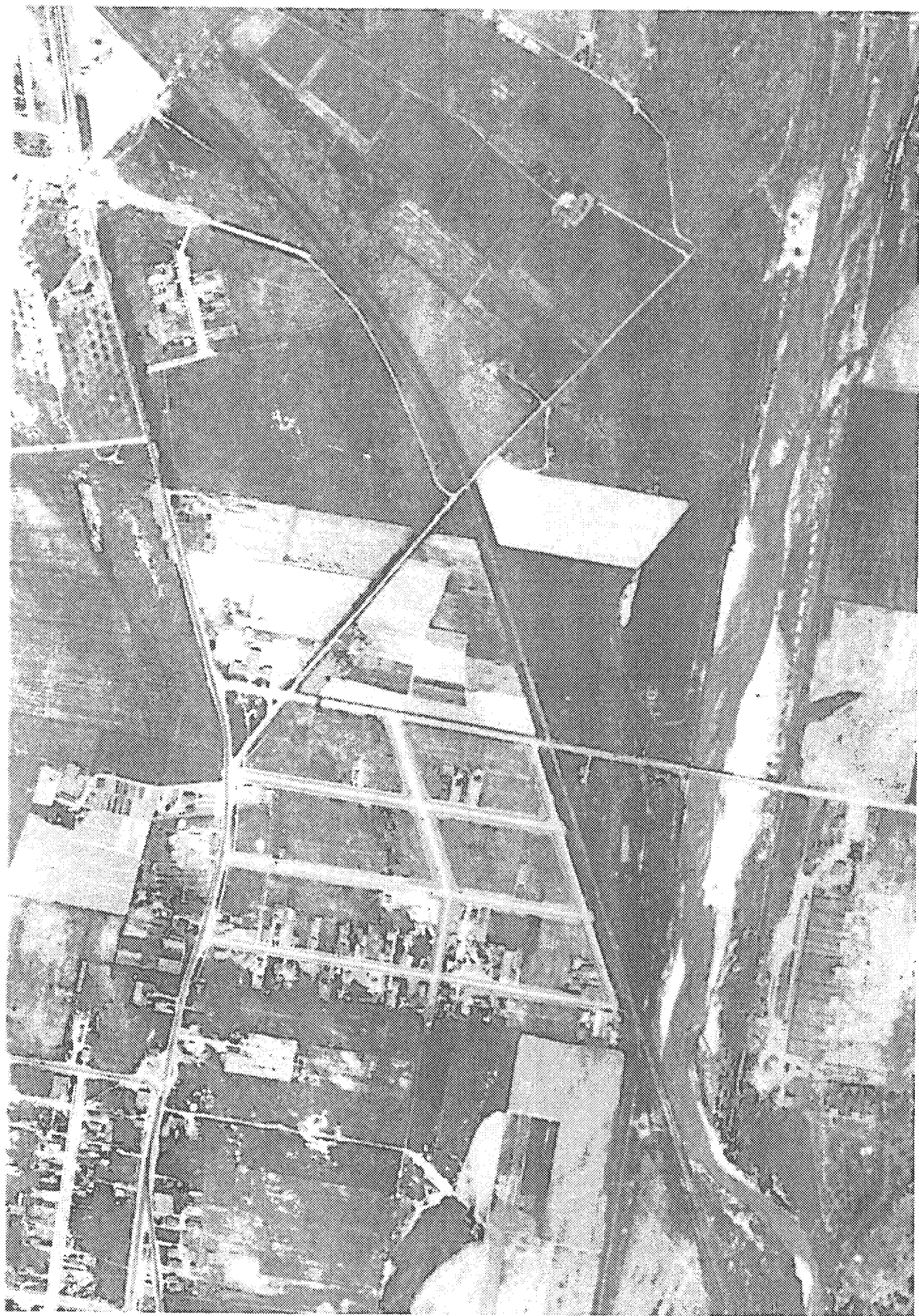
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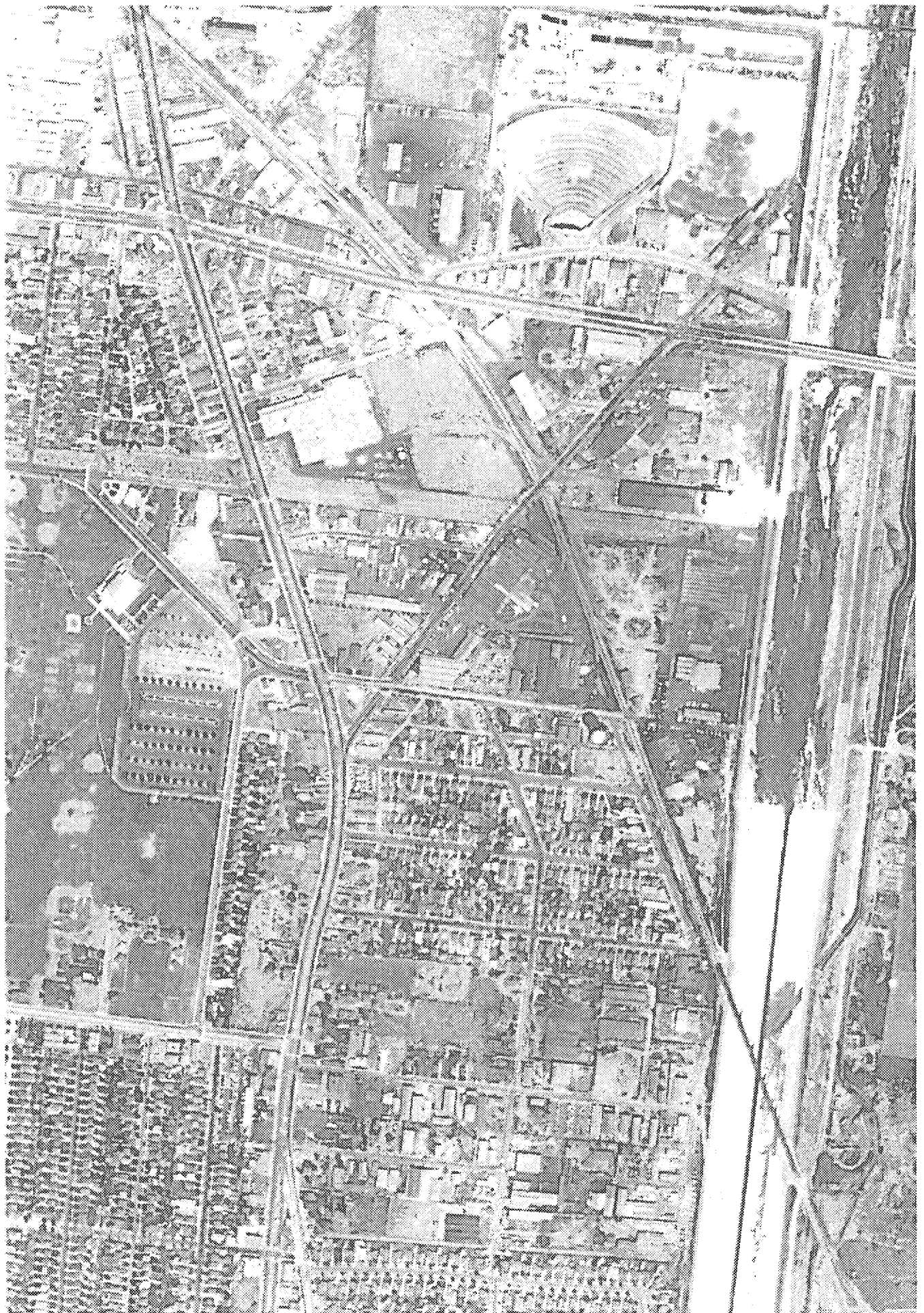
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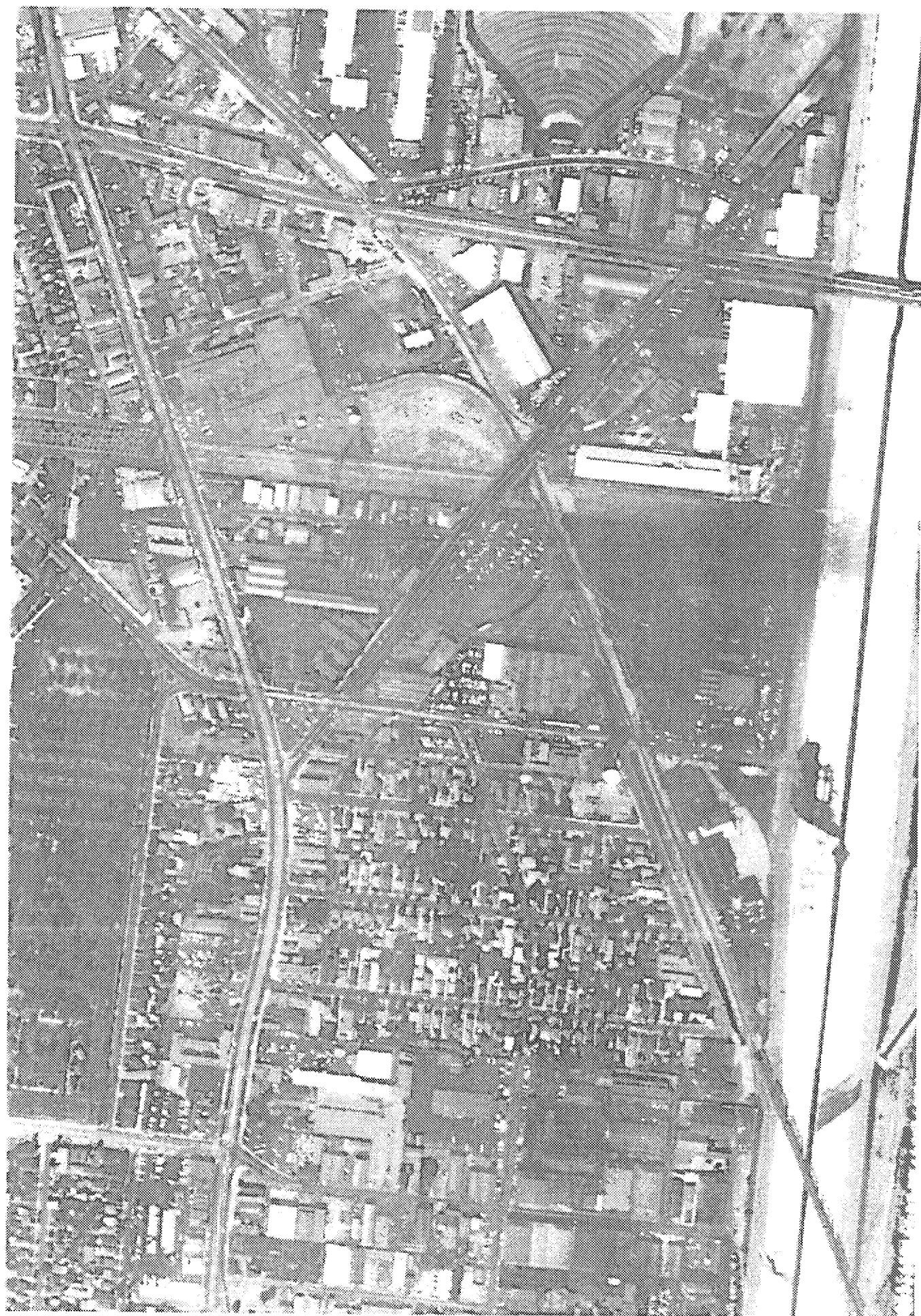




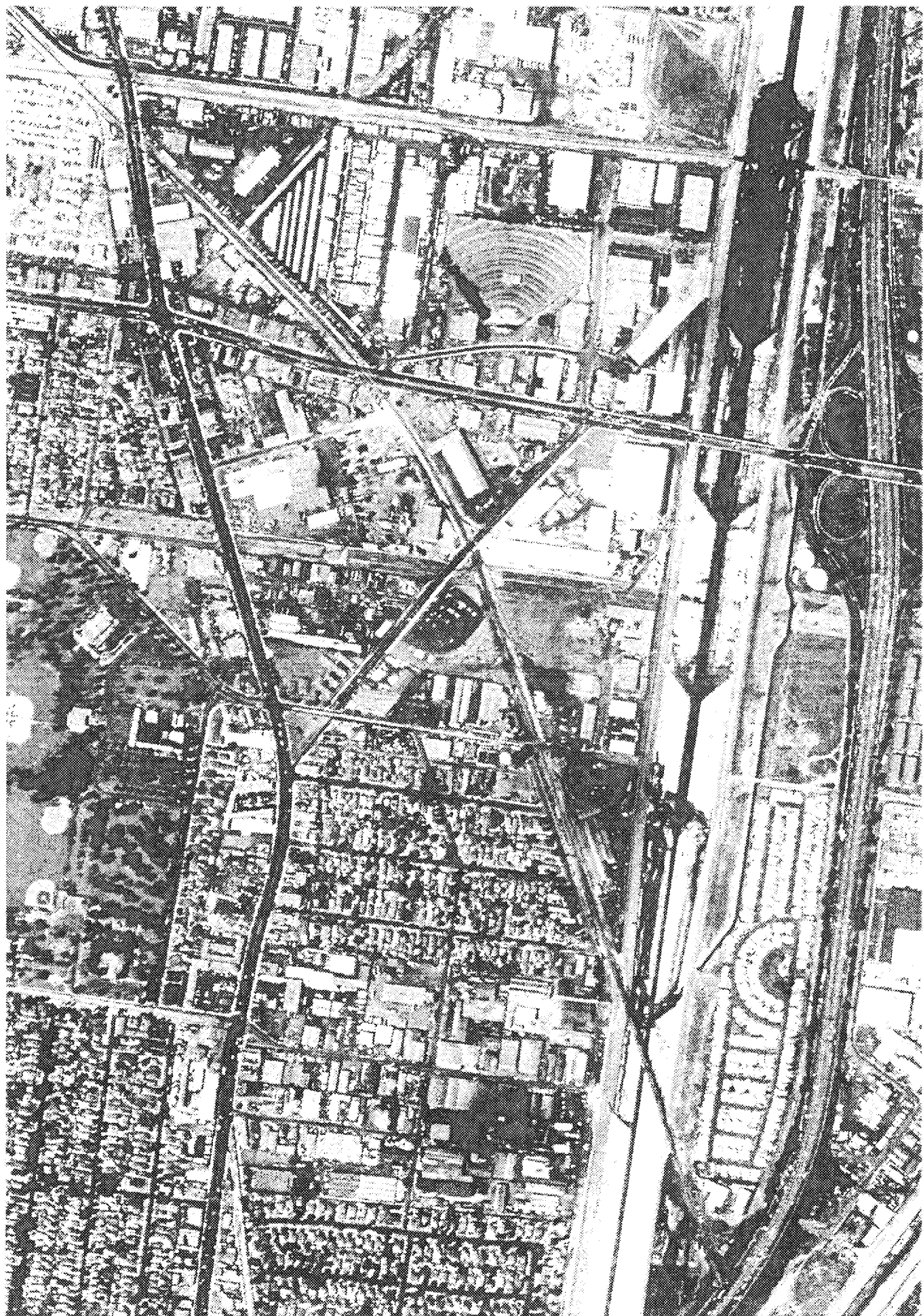


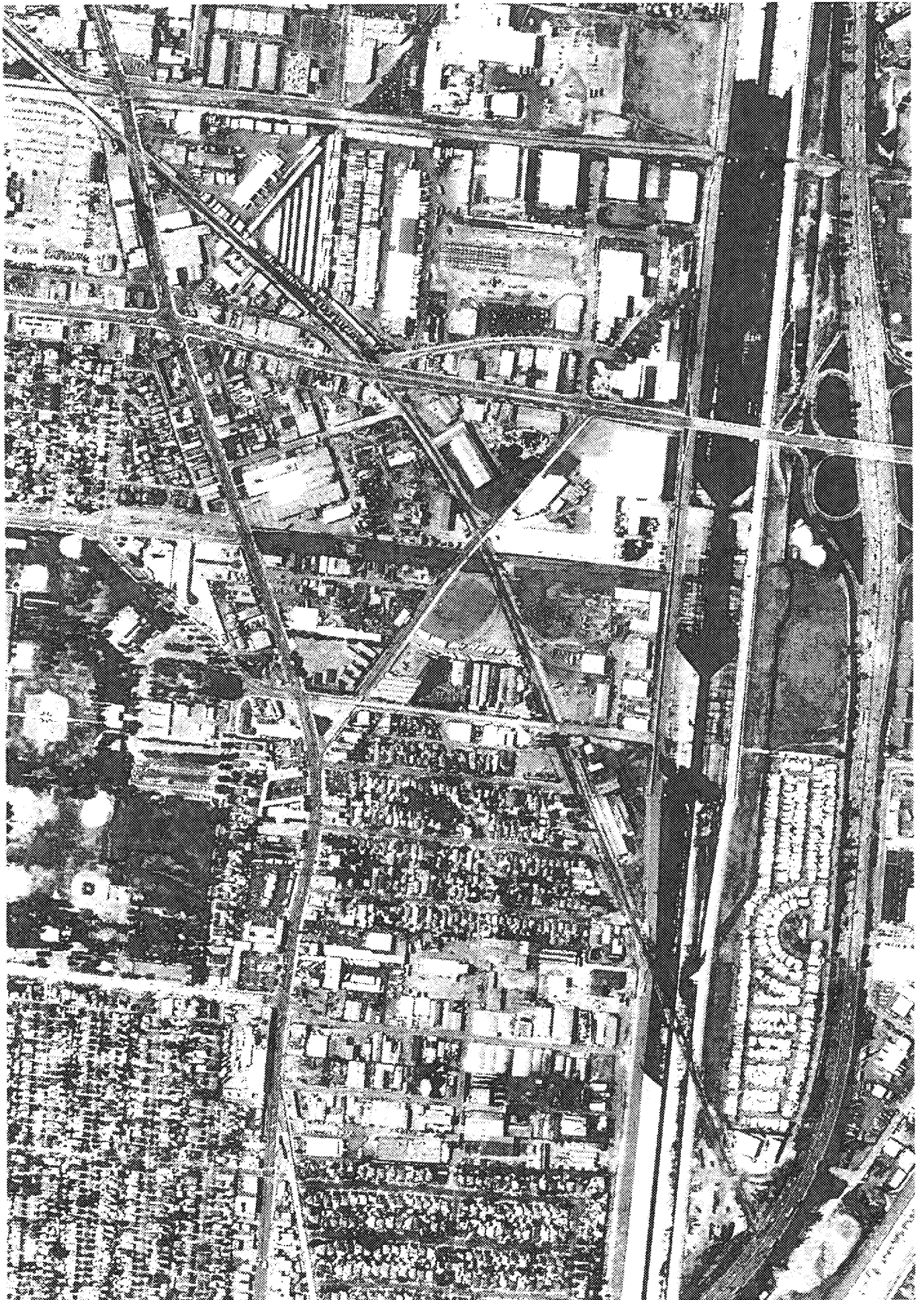
















**Macleod Metals, Inc., South Gate, CA**

**YEAR: 1995 (Est.)**  
**FLYER: Unknown**  
**SCALE: Unknown**

**Appendix D3:**  
**Historical City Directories**





## **The EDR-City Directory** *Abstract*

**Macleod Metals, Inc.  
9309 Rayo Avenue  
South Gate, CA 90280**

**March 19, 2002**

**Inquiry Number: 746432-8**

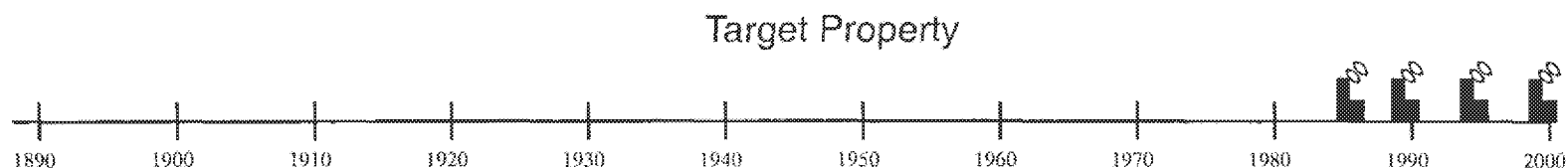
## ***The Source For Environmental Risk Management Data***

**3530 Post Road  
Southport, Connecticut 06490**

**Nationwide Customer Service**

**Telephone: 1-800-352-0050  
Fax: 1-800-231-6802**

# Prior Use Report® Timeline




## Legend:


 = Historical Topographic Map (HT)

 = National Wetland Inventory Map (WT) \*

*Superscript number corresponds to graph ID in text*


*\*Displayed on timeline when aerial photos, flood prone, FEMA, wetland maps, or Aerial Research Summary are purchased.*

 = Flood Prone/FEMA Maps (FP/FR) \*

 = Aerial Photos Included (P) \*

 = Aerial Photos Available \*

 = Residential (R)

 = Commercial or Industrial (C)

**Target Property:** Macleod Metals, Inc.  
**Address:** 9309 Rayo Avenue  
**City/State/Zip:** South Gate, CA 90280

**Customer:** Continental Placer, Inc.  
**Contact:** N. Brown  
**Inquiry #:** 746432-8  
**Date:** 3/19/2002

## Date EDR Searched Historical Sources:

### Target Property:

9309 Rayo Avenue  
South Gate, CA 90280

<i><u>PUR ID</u></i>	<i><u>Year</u></i>	<i><u>Uses</u></i>	<i><u>Portion-Findings</u></i> <i><u>(FIM Information Only)</u></i>	<i><u>Source</u></i>
--	1920	Address not Listed in Research Source		WESTERN DIRECTORY CO.
--	1921	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
--	1923	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
--	1924	Address not Listed in Research Source		Western Directory Co.
--	1925	Address not Listed in Research Source		BEVERLY HILLS CHAMBER OF CO
--	1926	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
--	1927	Address not Listed in Research Source		Los Angeles Directory Co.
--	1928	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
--	1929	Address not Listed in Research Source		Los Angeles Directory Co.
--	1930	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
--	1931	Address not Listed in Research Source		TRIBUNE-NEWS PUBLISHING CO.
--	1932	Address not Listed in Research Source		Los Angeles Directory Co.
--	1933	Address not Listed in Research Source		Los Angeles Directory Co.
--	1934	Address not Listed in Research Source		Beverly Hills Chamber of Comme
--	1935	Address not Listed in Research Source		SOUTHERN CALIFORNIA TELEPH
--	1936	Address not Listed in Research Source		Los Angeles Directory Co.
--	1937	Address not Listed in Research Source		Los Angeles Directory Co.
--	1938	Address not Listed in Research Source		LOS ANGELES DIRECTORY CO.
--	1939	Address not Listed in Research Source		Beverly Hills Chamber of Comune
--	1940	Address not Listed in Research Source		SAN FERNANDO VALLEY DIRECT
--	1942	Address not Listed in Research Source		Los Angeles Directory Co.
--	1944	Address not Listed in Research Source		R. L. Polk & Co.
--	1945	Address not Listed in Research Source		Beverly Hills Chamber of Comme
--	1946	Address not Listed in Research Source		Los Angeles Directory Co
--	1947	Address not Listed in Research Source		PACIFIC DIRECTORY CO.
--	1948	Address not Listed in Research Source		R. L. Polk & Co.

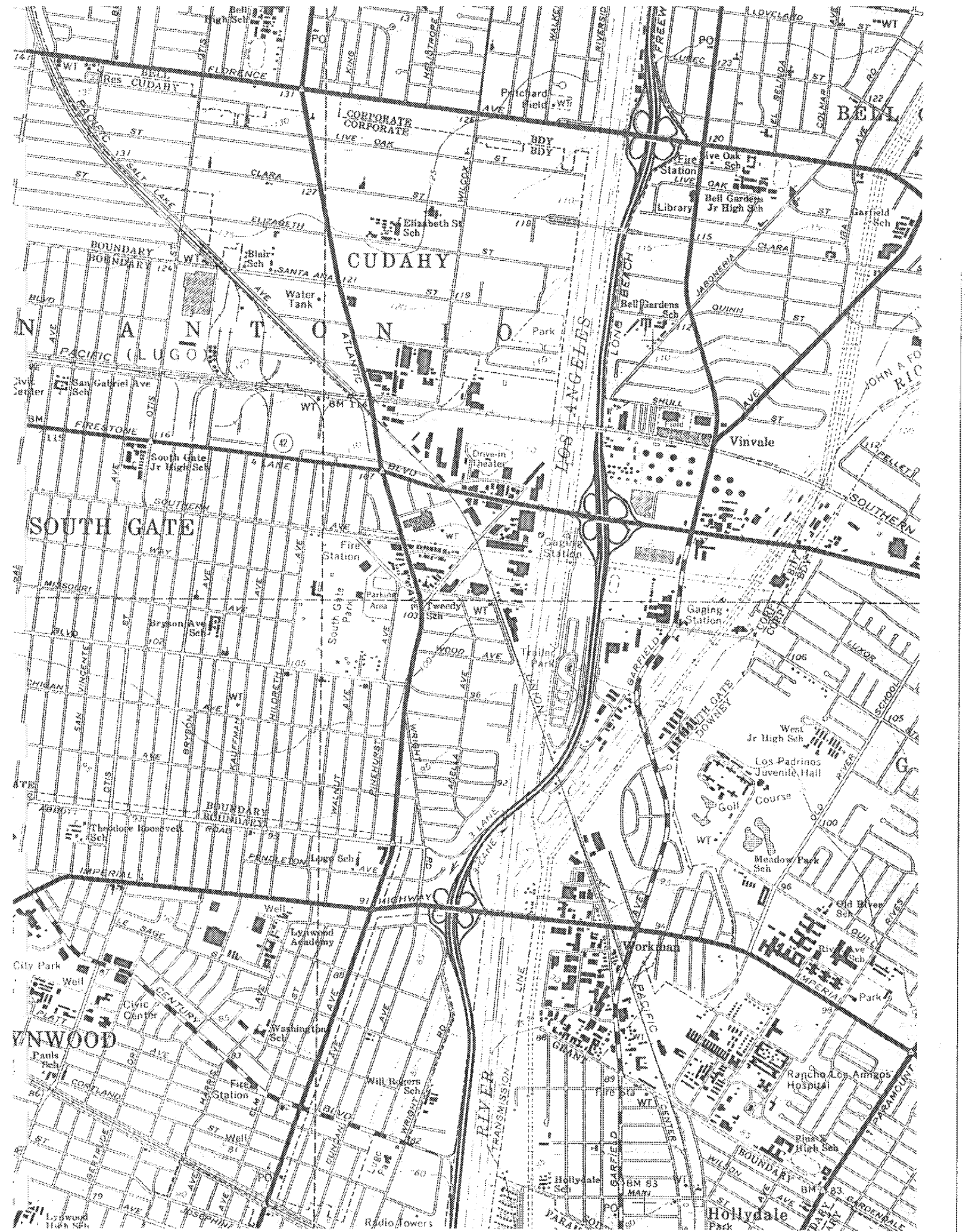
<u>PUR ID</u> <u>Year</u>	<u>Uses</u>	<u>Portion-Findings</u> <u>(FIM Information Only)</u>	<u>Source</u>
1991	Address not Listed in Research Source		PACIFIC BELL
1995	CALIFORNIA METALS RECYCLING S GT (9309) MACLEOD METALS CO S GT (9309)		PACIFIC BELL
2000	CA METALS RECYCLING (9309) MACLEOD METALS CO (9309)		HAINES & COMPANY

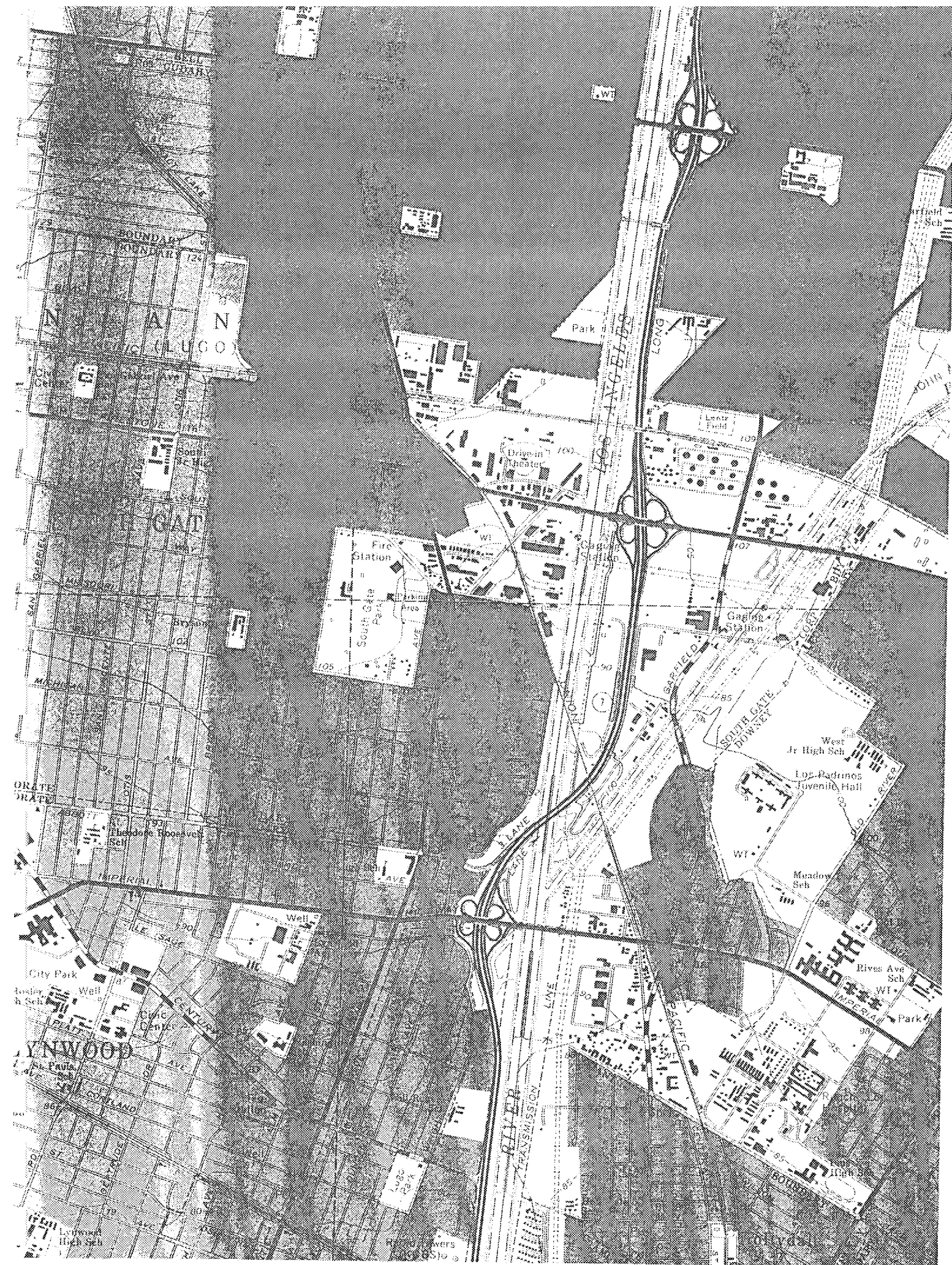
### Adjoining Properties

#### SURROUNDING

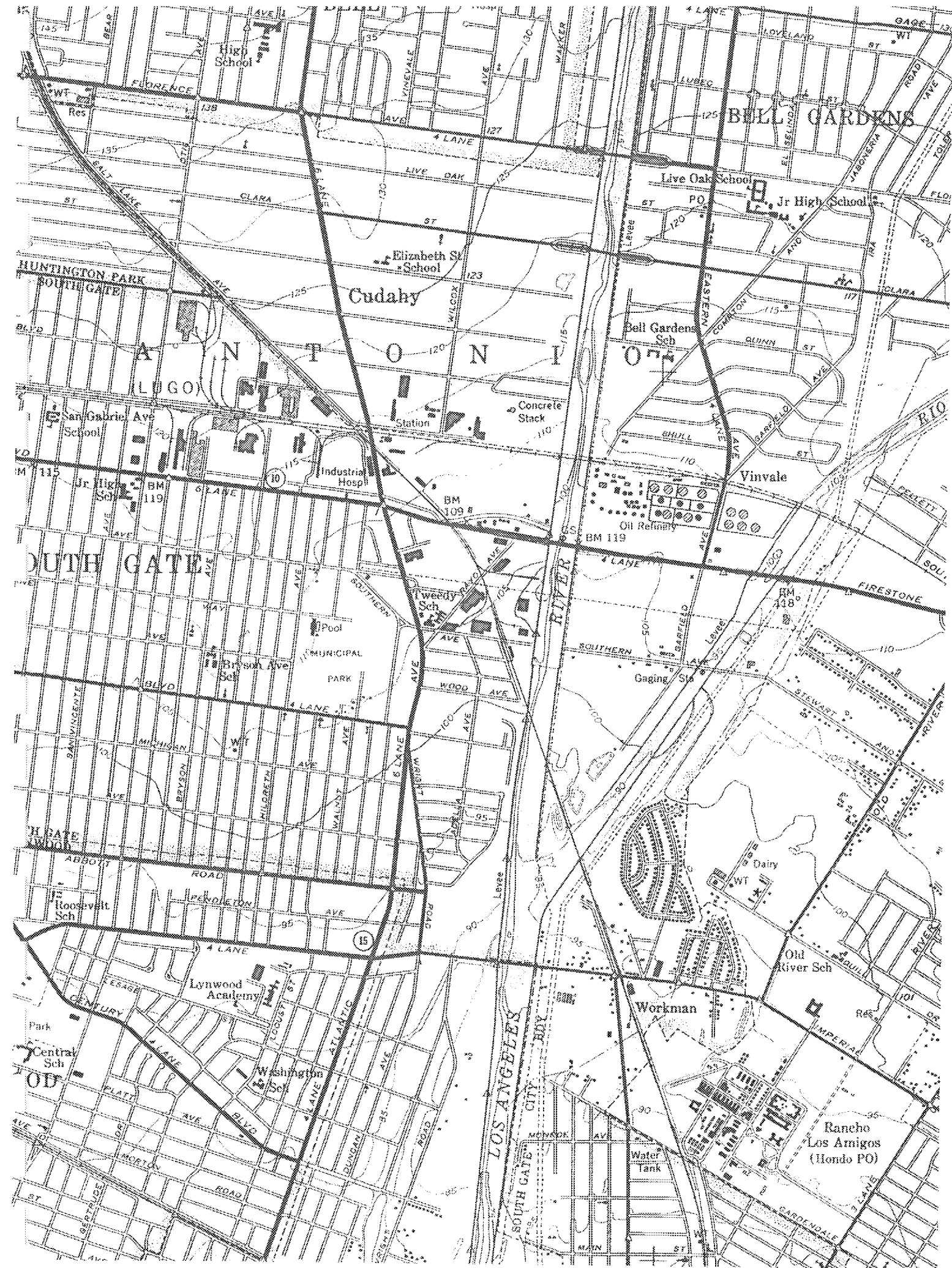
Multiple Addresses  
South Gate, CA 90280

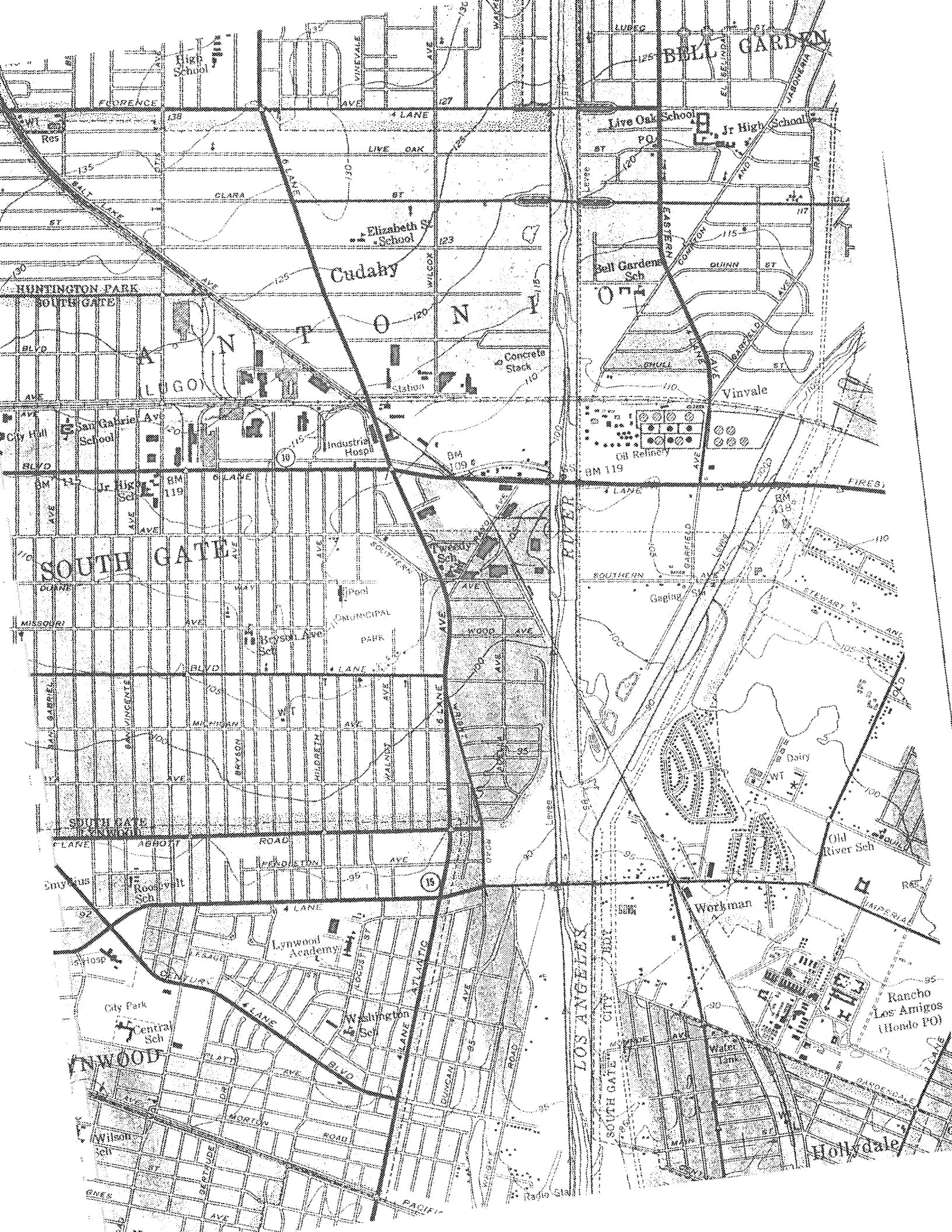
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1920	Address not Listed in Research Source		WESTERN DIRECTORY CO.
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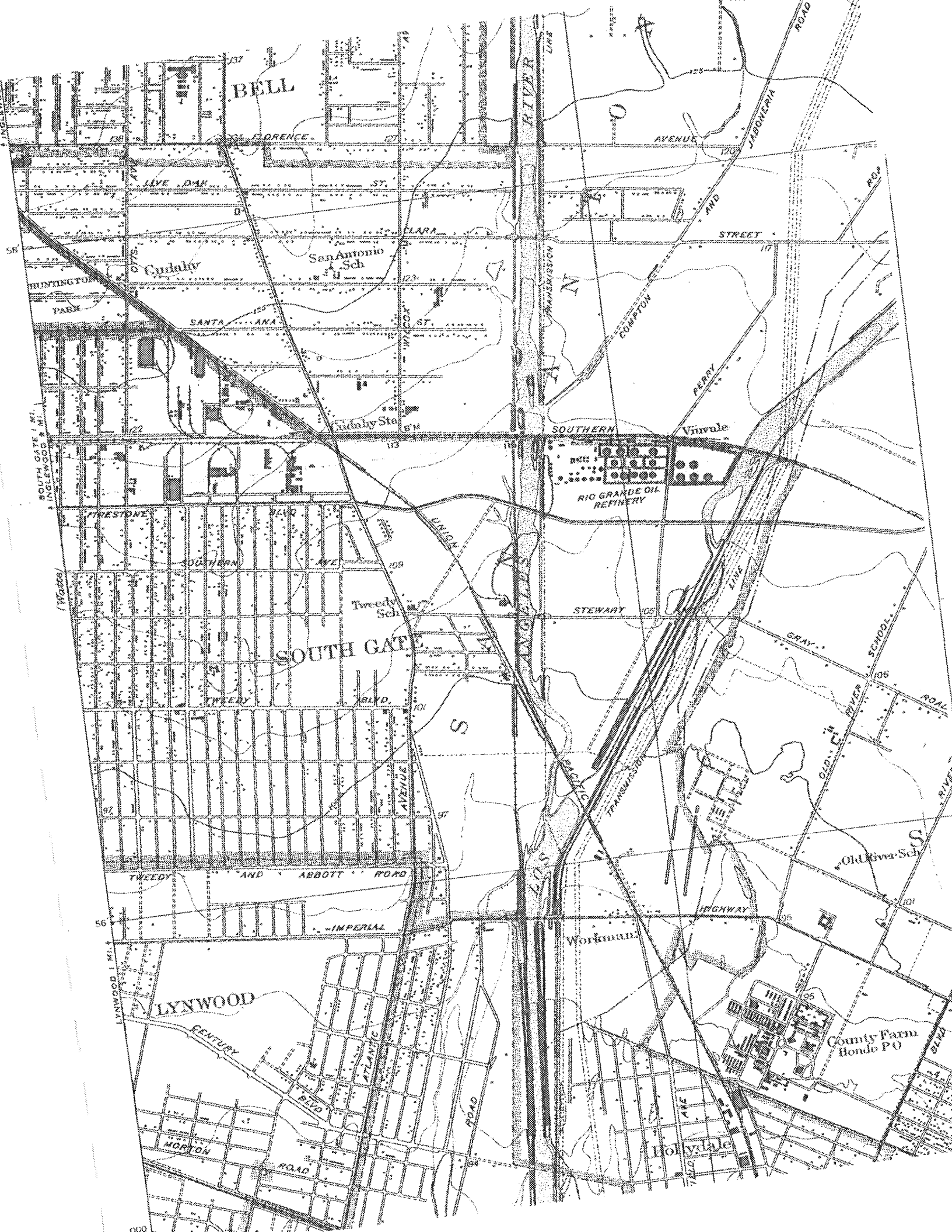






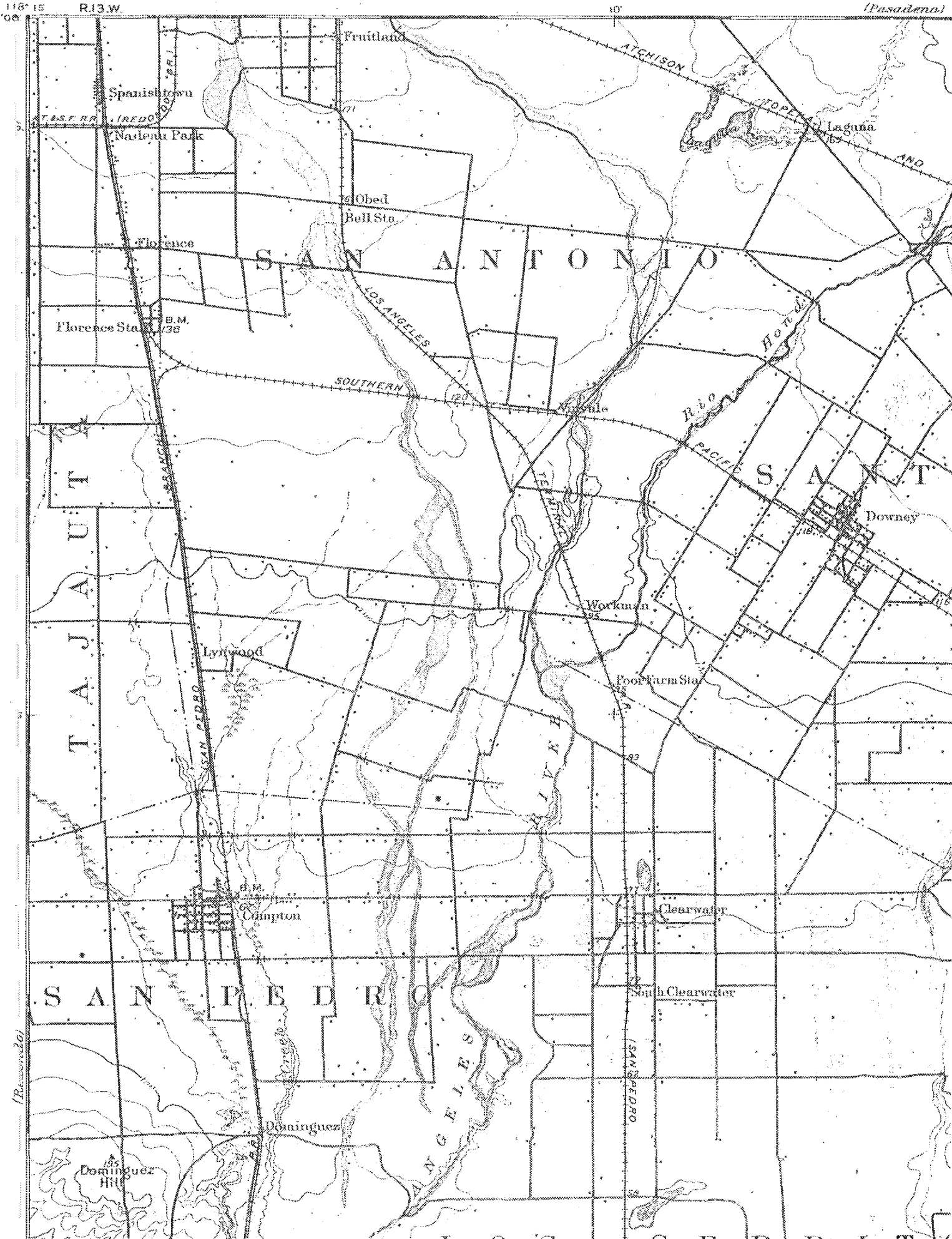






## 118° 15' R.13.W.

(Pasadena)



## Environmental Data Resources, Inc. Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Report is designed to assist professionals in evaluating potential liability on a target property, and its surrounding area, resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources*. *Reasonably ascertainable is defined as information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.2, the following *standard historical sources* may be used: aerial photographs, city directories, fire insurance maps, topographic maps, property tax files, land title records (although these cannot be the sole historical source consulted), building department records, or zoning/and use records. ASTM E 1527-00 requires "*All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful.*" ASTM E 1527-00, Section 7.3.2 page 11.)

EDR's Historical Topographic Map Report includes a search of available public and private color historical topographic map collections.

### Topographic Maps

A topographic map (topo) is a color coded line-and-symbol representation of natural and selected artificial features plotted to a scale. Topos show the shape, elevation, and development of the terrain in precise detail by using contour lines and color coded symbols. Many features are shown by lines that may be straight, curved, solid, dashed, dotted, or in any combination. The colors of the lines usually indicate similar classes of information. For example, topographic contours (brown); lakes, streams, irrigation ditches, etc. (blue); land grids and important roads (red); secondary roads and trails, railroads, boundaries, etc. (black); and features that have been updated using aerial photography, but not field verified, such as disturbed land areas (e.g., gravel pits) and newly developed water bodies (purple).

For more than a century, the USGS has been creating and revising topographic maps for the entire country at a variety of scales. There are about 60,000 U.S. Geological Survey (USGS) produced topo maps covering the United States. Each map covers a specific quadrangle (quad) defined as a four-sided area bounded by latitude and longitude. Historical topographic maps are a valuable historical resource for documenting the prior use of a property and its surrounding area, and due to their frequent availability can be particularly helpful when other standard historical sources (such as city directories, fire insurance maps, or aerial photographs) are not reasonably ascertainable.

## PHASE I ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE- A

Instructions: This questionnaire is to be reviewed by facility personnel most knowledgeable of the subject matter. Not all questions will be applicable to your facility. We request that you provide brief written information on the subjects listed below. Have copies of requested documentation available for review. A copy of the site layout will be helpful during the site interview and operations walk-through. We appreciate your time spent preparing for the site visit. All information provided herein is treated as confidential and will be revealed only to the parties immediately involved with the project.

### A. GENERAL FACILITY INFORMATION

A.1 Facility name (include alternative and former names of facility):

Macleod Metals, Inc.

Macleod Metals Group consists of Macleod Metals, Inc., Firma Plastics Inc., Trojan Trading Co., Inc., and California Metals Recycling, Inc.

A.2 Facility address (include street address and mailing address):

9303 Rayo Avenue, South Gate, CA 90280

A.3 Standard Industrial Classification (SIC) code(s) that apply to facility: 5093

A.4 Current owner of property: Metal Management Realty

A.5 Names and telephone numbers of operations manager and environmental coordinator:

Thomas Cohrs

Bill Lambert

A.6 Nature of site operations including products and services, past and present:

Scrap Metal Processing, Wire Chopping operations, and steel can processing

A.7 Indicate the size of the property (estimate total acreage and square feet of buildings):

Total acreage: 7.78 acres

Buildings: 40,450 square feet

A.8 Identify all utility providers (electric, water, gas, telephone) and waste disposal vendors.

South California Edison

South California Gas

City of South Gate Water and Sewer

### B. SITE CHARACTERISTICS

B.1 Are portions of the site in a flood plain? Describe. NO

500-year flood zone

B.2 Do wetlands or seasonally flooded areas exist on the property? Describe.

No

B.3 Describe the drainage of surface water onto and off the property:

the property is located at slightly higher ground than the surrounding properties and the property is enclosed with a concrete wall. Therefore, the surface water runoff from off site can not enter the property. There are three rain storm catch basins that leave the property and discharge into the Los Angeles River. As part of stormwater discharge permit, samples of effluent are collected after each storm event and reported annually.

B.4 What is known about soils and geology beneath the site? Attach a copy of geotechnical report.

NA

B.5 What is known about groundwater beneath the property?

NA

B.6 Are drinking water wells present on-site? What is the depth of the groundwater? No drinking water wells present on-site.

B.7 Attach copies of prior soil and groundwater test results. No groundwater testing has been done on-site. Previous subsurface assessment reports were not available.

B.8 Provide a site layout and available site plans, drawings, and as-built drawings for CPI's review.

B.9 Briefly describe the building(s) HVAC systems and building construction materials.

Electrical heating and cooling system

Steel Framed, Steel sheeted, slab on buildings, no basements

### C. SITE HISTORY

C.1 When was the site acquired? 1981

C.2 List all known prior owners/operators of the site and describe the site usage by each.

Ain Macleod purchased the southern portion of the subject property from System Disposal Company in 1981. This portion was a vacant lot at the time of purchase. Macleod purchased the northern portion of the property from Blackburn Truck Lines in 1987. Metal Management Realty purchased the property in 1997. The subject property has been as a scrap metal recycling facility since 1981.

C.3 What else is known about prior usage or ownership of the site or surrounding sites?

North - National Ready Mix Cement Plant

East - Rail Road Tracks

South - Department of Water and Power right-of way

West - Kustom Fit company

C.4 Describe changes in the site by current owner such as plant expansions, construction activities, alterations in topography, fill materials, etc.

Added Can Processing Unit in 1995

C.5 Identify any current or former tenants or sublessees and their operations at the property.

None

C.6 Attach copies of available historical records (e.g., titles, photographs, maps, etc.)

### D. MATERIALS USE

D.1 What raw materials are used at the plant?

Non-ferrous Metals

Insulated copper

Aluminum Wire

Steel Cans from municipal waste stream

lead cables

D.2 How are these materials received (truck, rail, etc.), and how are they stored (drum, tank)?

Truck

#### E. ASBESTOS

E.1 Have prior asbestos surveys been performed at the property? Provide copy of report. Yes. In 1995 an asbestos survey was completed as part of Phase I ESA. Samples collected from the main office area did not contain asbestos. However, samples collected from the employee's locker room in the metal processing building on the north side of the property contained 4% asbestos.

E.2 Describe any known or suspected asbestos containing building materials (ACM) on the property.

Spray fireproofing

Acoustical ceiling?

No ACM in the main office building- based on test results

4% Chrysotile in the employee's locker room -building 4

Vinyl flooring

No ACM - based on test results

Boiler insulation?

Boiler was installed in 1981 - Insulation not tested - looks like fiber glass- suspect

Chiller insulation?

No Chiller

Mudded pipes

De-tinning Process installed in 1981 - De-tinning tank steam line insulation tested in 1997- No ACM based on test results.

Transite panels?

No Transit Panels - only steel siding

Other?

E.3 Provide information on all asbestos removal or repair activities (dates, location of ACM, quantity removed, method of removal, etc.) Provide asbestos sampling and removal data for CPI's review.

#### F. POLYCHLORINATED BIPHENYLS (PCBs)

F.1 Describe the location, ownership, and PCB status of each of the following:

Electrical transformers: Electrical transformers belong to South California Edison

Hydraulic equipment: no hydraulic equipment onsite.

Capacitors: None

Light ballasts: light fixtures were changed recently

F.2 Describe incidents of PCB releases, cleanups, and Agency correspondence (attach detailed report)

None

#### G. HAZARDOUS MATERIALS

G.1 Describe hazardous materials use (particularly solvents, paints, flammables, pesticides etc.) including an approximate inventory of quantities and storage locations (attach a detailed report).

No Solvents or Pesticides

Paints - 10 gallon container

One 250-gallon Waste oil AST outside the building - with a secondary containment

Two 55-gallon drums

One hydraulic oil AST, one Motor oil AST inside building 4

one 55-gallon Surfactant Drum, five 55-gallon Caustic drums, caustic tanks

G.2 Is there a written safety program, SPCC Plan, spill contingency plan, hazardous materials management plan, and/or spill cleanup kits available on site? Describe. \_\_\_\_\_  
SPCC for the caustic tanks  
Spill clean up kit in the shop  
Absorbents stored in the yard

G.3 Has the facility filed any notifications pursuant to SARA Title III? Describe. \_\_\_\_\_ No  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## H. WASTE STREAMS

H.1 List all solid waste and special waste streams generated at the site, including manufacturing by-products, sludges, slurries, etc. and the method of disposal for each. \_\_\_\_\_

LA County Municipal Landfill – solid waste  
Lead Smelter – waster from lead cable processing area  
Leach Oil Company – Waste oil

H.2 Have any waste materials ever been landfilled at the site or placed into on-site pits, ponds, lagoons, incinerators, or other treatment systems? Describe. \_\_\_\_\_ No  
Most of the waste generated at the facility goes to the municipal landfill. Except, Waste generated from lead cable processing operation.  
Waste oil gets picked up by Leach Oil Company, Inc. for disposal every two months.

H.3 List all hazardous waste streams and hazardous waste storage locations including type of storage (UST, drum, etc.). \_\_\_\_\_  
ASTs, USTs, and Drums. See subject property features map for locations

H.4 How are hazardous wastes transported within the facility? \_\_\_\_\_  
NA

H.5 Provide copies of hazardous waste manifests for the last five (5) years. NA

H.6 What is the current waste generator status of the site? Was the site ever listed as a large quantity generator, transporter, or TSDF? \_\_\_\_\_  
The subject property is not listed in the above-referenced databases according to EDR report.

H.7 Describe waste reduction and/or pollution prevention practices and procedures. \_\_\_\_\_ NA  
\_\_\_\_\_  
\_\_\_\_\_

H.8 Are any waste materials recycled? Describe the recycling process. \_\_\_\_\_ No  
\_\_\_\_\_  
\_\_\_\_\_

## I. STORAGE TANKS

I.1 Are any of the following structures present at the property?

<input checked="" type="checkbox"/> above-ground storage tanks (ASTs)	<input checked="" type="checkbox"/> sumps	<input type="checkbox"/> french drains
<input type="checkbox"/> underground pipelines	<input type="checkbox"/> pits	<input type="checkbox"/> separators
<input checked="" type="checkbox"/> underground storage tanks (USTs)	<input checked="" type="checkbox"/> clarifiers (not in-use)	<input type="checkbox"/> septic systems

I.2 Describe the type, location, construction, capacity, piping systems, secondary containment, prior spill information, sampling data, and closure status of each underground and above-ground structure.

No spills

One 6,000-gallon diesel fuel UST - Active

One 250-gallon waster oil AST - Active

Two 6,000-gallon diesel fuel USTs – closed in-place (closure report available)

One waster oil UST and one 10,000-gallon UST – removed (closure report available)

One former 1500 gallon wastewater clarifier –closed in -place (no closure report)

See Figure 2

I.3 Have ASTs or USTs been removed from the property and for what reason? Provide a sampling or closure documentation for CPI's review. Yes

See attached closure reports included in Phase I ESA

## J. DISCHARGES TO WATER

J.1 Identify all sources, methods of discharge, and approximate volume of all process and non-process wastewater.

Rain water/ storm water runoff gets discharged to L.A. River through three outfalls. Effluent from the outfalls are tested annually and reported to the state.

J.2 Identify fate of discharged waters (e.g., discharge to waters of the state or to a publicly owned treatment works).

J.3 Describe any on-site wastewater treatment or pretreatment systems.

Clarifier – currently not in-use

only was used for a short period of time after installation.

Clarifier UST and associated piping was abandoned in-place in -----.

J.4 Have waste waters been sampled or analyzed? (attach results). Yes \_\_\_ No X

J.5 Does the site have a NPDES or state, county or city wastewater permit? Provide a copy.

J.6 List instances of wastewater discharge noncompliance, notices of violation, or penalties?

No violations

J.7 Does the site have a NPDES stormwater permit? If yes, has a SWPPP (or equivalent) been prepared? Provide a copy of the permit and SWPPP? yes

## K. AIR EMISSIONS

K.1 Identify all facility processes or sources of air emissions.

Wire Chopping lines, Can processing unit

K.2 Describe the types of air emissions (dust, gases, vapors, ash).

Dust



K.3 List all air pollution control equipment in use (filters, scrubbers, baghouses, incinerators). \_\_\_\_\_

Five baghouses

K.4 Provide a copy of relevant air permits.

K.5 Is monitoring of air emissions conducted at the site? Provide copies of results. \_\_\_\_\_ No  
No CEM

K.6 List all air pollution violation notices, warning, citations, fines, or enforcement proceedings. \_\_\_\_\_

None

K.7 Is this facility subject to Title V air permitting requirements? Yes \_\_\_\_\_ No X

#### **L. OCCUPATIONAL SAFETY AND HEALTH**

L.1 Has monitoring been performed of in-plant air emissions? Describe monitoring results and actions taken. \_\_\_\_\_ No

L.2 Are process controls or respiratory protection devices used at the facility to control employee exposures to indoor air contaminants? Describe. \_\_\_\_\_ Dust Mask/Particulate Mask

L.3 Discuss on-site emergency facilities (first-aid, showers, eyewashes, etc.). \_\_\_\_\_ none

L.4 Describe the Hazard Communication Program at this site. \_\_\_\_\_ none

L.5 Describe any other environmental or OSHA compliance actions brought against the facility. \_\_\_\_\_  
none

#### **M. SURROUNDING LAND USE**

M.1 Do sensitive surrounding environmental resources exist, such as wetlands, endangered habitats, etc.? \_\_\_\_\_ No

M.2 Describe the nearest bodies of surface water (lakes, streams, rivers, ponds, etc.). Los Angeles River (channeled with concrete walls and base) approximately 1000 yards

M.3 Describe the surrounding land use, including the names and operations on contiguous properties. Industrial land use

M.4 Are you aware of environmental hazards or contamination present on surrounding properties? If so, please describe. \_\_\_\_\_ No

## **N. MISCELLANEOUS**

N.1 Are other environmental issues of concern at the property, such as lead paint, drinking water quality, electromagnetic fields, radiation sources, or radon gas. No

N.2 Discuss any spills, chemical emergencies, fires, or other incidents that have occurred. Describe actions taken and current status.

Two building fires associated with the shredder.

N.3 Provide all available information regarding surrounding citizen complaints, 3rd party lawsuits, regulatory enforcement actions, or environmental cleanup activities (provide copies of reports for our review).

N.4 Are groundwater monitoring wells located on the property? Provide copies of well installation logs and all prior sampling results. No

**No special contractual conditions**

**Appendix G1:**  
**Phase I Environmental Audit Report, Environ 1997**

**CONTENTS**  
(Continued)

**TABLES**

Table 1	Aboveground Storage Tanks at The MacLeod Group Facility
Table 2	CERCLIS Sites Within One Half Mile of The MacLeod Group Site
Table 3	Leaking Underground Storage Tank Sites Within One Half Mile of The MacLeod Group Site

**FIGURES**

Figure 1	Site Vicinity Map for The MacLeod Group Facility, South Gate, California
Figure 2	Site Plan for MacLeod Group Facility, South Gate, California

**APPENDICES**

Appendix A	VISTA Report
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*MacLeod Metals 9309 Rayo Avenue, South Gate, California*, prepared by Phase One Inc. and dated May 3, 1996

- A review of two previous reports pertaining to on-site soil contamination: *Site Assessment Report at Blackburn Trucking Site*, prepared by Hekimian & Associates and dated August 19, 1987; and a letter report regarding the results of soil samples obtained from the property of MacLeod Metals, prepared by Environmental Geotechnical Services and dated October 25, 1988.
- A review of a United States Geological Survey (USGS) 7.5 minute topographical map for South Gate, California, dated 1964 (photorevised 1981). In addition, historical topographical maps of the Site and surrounding area dated 1972, 1964, 1949, 1943, 1941, 1932, 1923, and 1893-1894 were also reviewed.
- A review of Sanborn Fire Insurance maps dated 1950 and 1970.
- A review of documents regarding the Site from the Los Angeles County Department of Health Services and the South Coast Air Quality Management District.
- A review of historical aerial photographs dated 1992, 1985, 1972, 1963, 1954, and 1938 obtained from Rupp Aerial of Corona, California.
- A search of regulatory agency lists for the Site vicinity conducted by VISTA Environmental Information (VISTA) and reported to ENVIRON on August 23, 1996. The VISTA report is presented in Appendix A. VISTA conducted searches of the following federal databases: U.S. Environmental Protection Agency (USEPA) National Priorities List (NPL) for Uncontrolled Hazardous Waste Sites (updated June 1996); USEPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) (updated March 1996); Resource Conservation and Recovery Act Information System (RCRIS) (updated May 1996); and Emergency Response Notification System (ERNS) (updated March 1996). VISTA also conducted searches of the following State of California databases: California Environmental Protection Agency (CalEPA) Annual Work Plan (AWP) (updated January 1996); California Department of

## II. CONCLUSIONS

The following are ENVIRON's conclusions regarding the Site:

### Asbestos

- Although facility personnel were not aware of any asbestos-containing materials (ACMs) at the Site, some of the materials at the Site must be managed as presumed ACMs because of the year of construction. These materials include ceiling and floor tiles in the employee lunch rooms in Building 4. At the time of the site visit, some of the presumed ACMs were damaged and friable. The facility is not in compliance with regulatory requirements for presumed ACMs regarding identification, notification, record keeping, or signage.

### PCBs

- Electrical cables processed for metal recovery at the Site contain oil that has been released to the pavement at the Site. It is possible that the cable oil may have contained PCBs or may have been contaminated by PCB-containing transformers as a result of direct connections between the cables and transformers. As a result, PCBs may have impacted the pavement and the underlying soils at the Site.

### Underground Storage Tanks (USTs)

- The facility currently operates a diesel fuel UST with double-wall construction and a vapor-monitoring leak detection system. Although the UST appears to generally comply with regulatory standards for UST construction, the facility does not maintain adequate documentation to demonstrate that it is in compliance with the monitoring and financial responsibility requirements. The facility does not have a written monitoring and response plan, and was unable to provide ENVIRON

the facility routinely stores waste oil on-site in excess of the 90-day accumulation time and in excess of the 55-gallon limit for satellite accumulation.

NOT  
an issue  
@ this time

- Residual solvent (reported to consist of diesel) in one of the maintenance shops is discharged to an open pail and allowed to evaporate. Waste diesel would likely be classified as a hazardous waste under the ignitability criterion, as the flash point of diesel (which is generally in the range of 100°F to 125°F, depending on the grade) is below the regulatory threshold of 140°F. Because the waste solvent is likely ignitable, evaporation of the waste solvent likely constitutes unauthorized treatment of a hazardous waste. If the waste solvent is indeed hazardous, the collection container should be closed when not in use and appropriately managed.

NOT  
an issue  
baghouse dust  
at Tank bottoms  
also sent to  
Pb smelters

- The facility treats lead-containing process water in the cable-processing area that would be considered a hazardous waste if discharged, based on the concentration of lead in the water. Wastewater and city water piping are located along the top of the containment berm. ENVIRON observed a leaking pipe dripping water out of the containment area and into a portion of the Site that is leased to Wynn's Towing. ENVIRON has since been informed that the water consisted of city water rather than lead-bearing wastewater. Nonetheless, ENVIRON recommends that the piping system be reconfigured to ensure that all leaks and accidental releases are contained.

- The facility does not have an air permit for a boiler that has a capacity in excess of the threshold capacity for boilers subject to permit requirements.

yes it  
does

- The facility was issued a Notice to Comply by the SCAQMD in 1994 regarding a poor connection between a baghouse and collection hopper that resulted in emissions of dust. ENVIRON was informed that the problem was corrected and no fines were issued, although, at the time of the site visit, ENVIRON observed



- Staining was observed in an area where maintenance and solvent degreasing operations are conducted. Soils in this area may have been impacted by oil and/or solvents.
- A significant portion of the Site may potentially be contaminated with metals resulting from contact with metal-bearing wastewaters. At the time of the site visit, significant pooling of water containing metal fines was observed in areas where the concrete pavement was cracked and pitted.
- Caustic solutions containing tin may have reached soils beneath the pavement in the area where a detinning operation is conducted. However, this would not likely represent a significant concern unless either the pH or the tin concentration of soil were extremely high.

Blackburn Truck Lines formerly operated a truck maintenance facility in the northern half of the Site. Although the exact nature of operations conducted by the former operator is unknown, it is likely that solvents and automotive fluids were used that may potentially have impacted the subsurface in this area.

- Three former USTs (discussed above) and two former wastewater clarifiers may potentially have impacted the subsurface at the Site. Although it appears that there have been some investigations conducted at some of these units, ENVIRON was not able to obtain sufficient documentation to confirm the absence of significant contamination near these former units.

#### Occupational Safety and Health Issues

- The facility does not maintain a complete file of Material Safety Data Sheets (MSDSs) for the chemicals in use at the facility.

Site assessment  
by HAZARD

Two former  
6,000 gallon  
Diesel USTs  
and owned  
& operated  
by Mack  
and  
one 10,000  
gallon oil  
UST  
and one  
waste oil  
Tank  
operated

documents requested by ENVIRON and were not fully aware of which documents actually existed.

- The facility does not have any formal procedures in place for environmental incident reporting. Although Mr. Ellis and Mr. Lambert are responsible for preparing and submitting incident reports, there are no protocols for determining whether or not an incident is, in fact, reportable. Similarly, there are no protocols for confirming that the facility is in compliance with its permit requirements.

#### **Environmental Concerns at Nearby Sites**

- Cooper Drum, located to the southwest of the Site beyond a utility easement, is listed as a proposed National Priorities List (NPL) site. The Cooper Drum facility is located down- to crossgradient from the Site. The environmental database search that identified this site as a proposed NPL site did not include sufficient information to determine whether or not the MacLeod facility's proximity to the Cooper Drum site presents a potentially significant to MacLeod.
- Additional nearby sites that appear to be hydraulically upgradient from the Site and where ground water contamination may have occurred include Jervis B. Webb and Custom Fit, which are adjacent to Site and listed on the CERCLIS database, and an Arco station where a leaking UST was reported. A review of agency files for these listed facilities would be necessary to determine the potential for releases at these sites to impact the Site.

employee lunch room. In addition to the buildings, the Site also contains a railroad spur that run east-west across the middle of the Site.

Mr. Lambert stated that The MacLeod Group conducts all of its operations on-site and there are no other locations where The MacLeod Group stores chemicals or equipment that are used on-site. According to Mr. Lambert, The MacLeod Group owns a one-acre property directly to the north of the Site across Branyon Avenue that is leased to Active Service Station Maintenance. Mr. Lambert stated that Active Service Station Maintenance is not involved with any of the operations conducted at the Site. A review of this property was outside of ENVIRON's scope of work.

Based on a review of a previous environmental assessment, the Site is located in an area that is zoned heavy industrial. To the north of the Site across Branyon Avenue are the following facilities: Active Service Station Maintenance, Spann Machine Shop, Gosos Sewing Machine, Ironworks, and United Ready Mix Concrete. Across a railroad corridor to the northeast is vacant property that was formerly occupied by Jervis B. Webb company (a manufacturer of conveyor parts). Purex, a manufacturer of soaps and bleaches, was formerly located to the southeast of the Site across Rayo Avenue. At the time of the site visit, the former Purex property was being graded and no structures were observed. The southwestern portion of the Site is bordered by a utility corridor. Ensenada Nursery uses the area beneath the high voltage wires to store plants. Waymeir Cooperation, a 55-gallon drum reconditioner, is located beyond the utility easement to the southwest of the Site. Custom Fit, a manufacture of recreational vehicle seats, is located to the northwest of the Site. According to Mr. Lambert, the nearest residences are approximately one eighth of a mile to the northwest.

The topography of the Site is flat. Storm water is diverted to on-site catch basins and sumps and is either used as process water in the facility or discharged to the Los Angeles River. According to Mr. Lambert, the facility does not receive storm water runoff from any of the adjacent properties.

Water and sewer services for the Site are provided by the City of South Gate. According to Mr. Lambert, the Site has always been connected to the City's sanitary sewer

appears to be immediately surrounded by agricultural properties, although residential communities are visible approximately one mile to the north, south, and west of the agricultural properties.

The Site remains unchanged on the 1941, 1943, and 1949 topographic maps. On a 1950 Sanborn Fire Insurance map, the Site is still undeveloped, although it is surrounded by industrial properties including Pacific Coast Iron Pipe & Fitting (metal fabricator), Shellmar Product Corp. (cellophane packager), and Purex Corp. (detergent manufacturer). On the 1954 aerial photograph, the Site appears to have been graded but remains undeveloped. On the 1963 aerial photograph, the Site is divided in half by a rail spur that terminates at the Shellmar Product Corp. but otherwise appears unchanged from the earlier photograph. No significant changes to the Site are noted on the 1964 topographic map and the 1970 Sanborn Fire Insurance map.

On the 1972 aerial photograph, the northern portion of the Site is developed and contains one building that is surrounded by numerous tractor trailer trucks. The southern portion of the Site remains undeveloped. The only visible feature in the southern portion of the Site is a small road that terminates in the western portion of the Site. No additional information was obtained from a review of the 1972 and 1981 topographic maps. The four present-day buildings are evident on the 1985 photograph and piles of unidentifiable material are evident in the yard. The Site remains unchanged in the 1992 photograph.

No additional information was obtained from a review of building permits, which were included as appendices in the two earlier environmental assessments of the Site.

### 3. Hydrogeologic Setting

The nearest surface water to the Site is the Los Angeles River, which is approximately one quarter of one mile to the east. Based on a review of a previous environmental assessment, the Site is located within a 500-year floodplain. According to Mr. White, the facility has never been flooded.

Based on a review of previous soil investigations conducted at the Site, site soils are comprised of clayey silts and sands. Based on a review of previous environmental

*Firma, Inc.*

Firma, Inc. recycles electrical cables for the general scrap industry. Firma's operations are primarily conducted in Building 2, the adjacent pavilion and yard, and Building 3. Electrical cables are brought to the facility by truck and stored in the yard in large piles to the north of Building 2 and the west of Building 3. According to Mr. Lambert, there is no formal screening process for assuring that the cables are clean (i.e. for assuring that the cables do not contain polychlorinated biphenyls or other contaminants). The cables are segregated and cut in the yard into approximately six-foot sections using stationary and portable shear lines. After the cable is cut, it is then transferred by means of a conveyor belt, located under the open-air pavilion, to a primary and secondary chopper (referred to as granulators) located in Building 2. The wire "chop" is then transported to sieves and an air separation table to segregate the wire coating, aluminum bits, and copper bits. After the air separation table, the finished metal is stored in the warehouse of Building 3. If necessary, metal also is stored in Building 1. Plastic bits from the air separation table and the sieves are pneumatically transferred to a wet cyclone and a water table to further segregate the wire coating from the metal particulates. The wet wire coating residual from the water table is discarded into a truck and, depending on the cable, is either transported to another portion of the yard to be dried on-site for processing by Firma Plastic at Building 4 or transported off-site for disposal.

Three maintenance shops associated with Firma Inc. are used for miscellaneous welding, parts replacement, and degreasing activities. Two of the maintenance sheds are attached to Building 2 and the third is located in the southern portion of Building 3. In addition to the maintenance shops, a metal grinder used to sharpen the shear blades is located in the warehouse of Building 1.

According to Mr. Mejia, the SIC code for Firma, Inc. is 5093.

*Firma Plastics, Inc.*

Firma Plastic, Inc. recycles the plastic-coating waste from Firma, Inc. and off-site sources in Building 4 and the surrounding yard. Plastic coating is stored in large piles

Tin from the alkaline and rinse water tanks is removed by electrolytically plating the tin out of the solution. The plated tin is then shipped off-site to be melted into ingots for resale. The plating operations are conducted in a series of tanks located indoors in the northern portion of Building 3.

According to Mr. Mejia, the SIC code for MacLeod Metals is 3341.

In addition to the operations described above, The MacLeod Group conducts routine maintenance operations on-site. These activities include the maintenance in the automotive shop in Building 4 of the following vehicles used on-site: four tractor trailers, two roll-off trucks, one pickup truck, four loaders, fifteen propane-powered forklifts, and two diesel-powered forklifts. One parts degreaser is located in the shop. Mr. Lambert stated that, in the past, the parts degreaser contained a nonhazardous biodegradable solvent from Safety-Kleen, but the facility recently switched to using diesel fuel. The facility also conducts routine maintenance brush-painting operations outdoors adjacent to Building 4.

According to Mr. Lambert, with two exceptions, operations at the Site have not changed significantly since operations began in 1981. Mr. Lambert stated that Firma, Inc. formerly had a second line consisting of primary and secondary granulators, sieves, and an air separation table. This line was located in Building 3 and the adjacent pavilion. According to Mr. Lambert, the line was sold in 1994 and moved off-site. The second change in operations occurred in 1989 when Firma Plastic added the lead and plastic cable-processing line.

### C. Asbestos and Polychlorinated Biphenyls (PCBs)

#### 1. Asbestos

According to Mr. White, there have been no surveys for asbestos-containing materials (ACMs) at the facility and no ACMs are known to be located on-site. Under the California Code of Regulations Title 8 Section 1529 and 5208, the following building materials in buildings constructed prior to 1981 must be presumed to contain ACM unless proven otherwise by testing: thermal system insulation; surfacing material (e.g., sprayed

- diesel fuel (60,000 gallons) used as fuel for the company's vehicles and in the automotive shop's parts degreaser;
- mineral spirits (20 gallons) and hydraulic and lubricating oils (combined total of 440 gallons) used in the maintenance shops;
- detergent (550 gallons) used in the water table separation process in Building 2, the plastic-washing tank located north of Building 4, and for cleaning the pavement in front of Building 1 where the California Redemption Center is located;
- maintenance paint (200 gallons) and paint thinner (20 gallons) used adjacent to Building 4;
- absorbent (10,000 pounds) fed into the granulator in Building 4 with the plastic to absorb the oil on the plastic coating; and
- bleach (8 gallons) and coagulation solutions (110 gallons) used as a water-treatment chemicals in the on-site clarifier and in the coil-processing area, respectively.

**1. Underground Storage Tanks (USTs)**

One 6,000-gallon diesel fuel UST is located to the east of Building 2. The steel double-walled tank was installed in 1990 and has a vapor-monitoring leak detection system.

All facilities that operate USTs must obtain permits for the tanks. The permits are effective for five years. In addition to the permits, USTs are subject to a variety of construction, monitoring, and financial responsibility requirements as delineated in the California Health and Safety (H&S) Code Section 25291 (requirements for USTs installed after January 1, 1984).

closure report. ENVIRON was unable to obtain a copy of the tank closure report from the facility and has requested, but not yet received, copies of files from the CLADPW.

The third former UST was located on-site in the area to the north of Building 4. According to Mr. Lambert, the 10,000-gallon diesel UST was installed at an unknown date and removed in July 1987 as part of the escrow requirements for the purchase of the property from Blackburn Truck Lines by The MacLeod Group. Based on documents obtained from facility personnel, a soil/ground water assessment report was submitted as part of the tank closure procedure in August 1987. In a letter from the CLADPW to Blackburn Truck Lines, dated September 8, 1987, the Department classified the Site as requiring no further action based upon the closure report. ENVIRON received the title sheet for the closure report and has requested, but not yet received, the remaining portion of the document to confirm that there are no significant issues associated with the former use of the tank.

## 2. Aboveground Storage Tanks

As presented on Table 1 and Figure 2, the facility has 35 aboveground storage tanks on-site. These tanks are discussed below according to their operations:

- Four of the tanks are caustic treatment and rinse tanks associated with the detinning operations conducted north of Building 3. At the time of the site visit, a portion of the concrete containment berm surrounding the tanks was cracked and evidence of seepage of material through the cracks to the nearby storm drain was observed. Because of the presence of a large pile of detinned steel overlying the berm, ENVIRON could not confirm that the secondary containment completely surrounded the tanks.
- Five process tanks located adjacent to the caustic treatment and rinse tanks are associated with detinning operations. Three of the tanks contain rain water; two of the tanks contain caustic. The area has a low curb which,



- A liquid propane tank and a waste oil tank are located adjacent to Building 2 and north of the railroad spur, respectively. Secondary containment is not provided for either tank; however, secondary containment is required for the waste oil tank. Evidence of significant spillage was observed in the vicinity of waste oil tank. At the time of the site visit, ENVIRON was unable to directly inspect the tank due to a large amount of debris piled adjacent to the tank; nonetheless, dark stains on the concrete pavement were evident.

According to Mr. Lambert, none of the tanks have ever leaked.

### **3. Drum and Small Container Storage Areas**

Drums of hydraulic oil, mineral spirits, water treatment chemicals are stored at their points of use. At the time of the site visit, secondary containment was not provided for any of these chemicals. Significant evidence of spillage was observed on the floors in the maintenance areas of Buildings 2, 3, and 4 where hydraulic oils and mineral spirits are used. In addition to the maintenance areas, at the time of the site visit, several drums of lubricating and hydraulic oil were observed in a horizontal drum rack in a closet of Building 2. Significant staining was observed beneath the drums. No evidence of staining was observed in the vicinity of the water treatment chemicals located in the cable-processing area.

Five-gallon pails of paint and lubricating oils and greases are stored at their points of use. At the time of the site visit, approximately 15 five-gallon pails of paint were observed outdoors adjacent to Building 4 and the evidence of spillage was observed in this area. Lubricating oils and greases were stored haphazardly in the maintenance shops. As described previously, the shop floors were significantly stained.

## 2. Hazardous Waste

According to Mr. White, the only hazardous waste generated at the Site is used oil, which is collected twice per year by one of a variety of waste oil haulers. Most recently, Leach Oil of Compton, California collected and recycled the used oil on January 31, 1996. Based on a review of manifests, the facility has also used the following recyclers: Advanced Recycling; PRC Fontana; D.K.; and Ind. SRVs. These off-site facilities are discussed further in under Section III.E.3.

According to Mr. Ellis, solvent sludge residuals from degreasing operations are placed in the waste oil tank. The solvent currently used for degreasing is diesel oil. Based on ENVIRON's discussions with a facility operator during the site visit this sludge is occasionally disposed of as trash. ENVIRON recommends that facility operators be better trained with respect to disposal practices.

Generators of hazardous waste are required to obtain an EPA identification (ID) number, label and package wastes appropriately, limit on-site waste accumulation times to 90 days (or one year if material is accumulated in a satellite area), and send wastes to licensed treatment, storage, and disposal facilities. Waste generators are also required to prepare and certify a uniform hazardous waste manifest that must accompany waste shipments during transport, to conduct training of their employees, and to routinely inspect their hazardous waste storage areas.

The facility has a hazardous waste license with the County of Los Angeles that expired on June 30, 1996. Mr. Lambert stated that the facility typically receives a new license every year and he expects to receive an updated license shortly. The facility does not have an EPA ID number and is manifesting the waste oil under a transporter's EPA ID number. A facility may manifest used oil under the transporter's ID number, provided the manifests are correctly completed (H&SC 25250.1). Based on a review of the manifests, the manifests appear to have been completed correctly.

With the exception of the manifests and the use of a licensed treatment, storage and disposal facility, The MacLeod Group does not comply with any of the hazardous waste generator requirements. At the time of the site visit, the waste oil tank was not

solid state or a mixture of solid and liquid are classified as hazardous if the concentration of leachate from the waste, obtained using the Waste Extraction Test (WET), as described in 22 CCR 66261, Appendix II, exceeds the STLC. Alternatively, a solid-phase waste may be classified as a hazardous waste if the total copper concentration exceeds the Total Threshold Limit Concentration (TTLC) of 2,500 milligrams per kilogram (mg/kg) (22 CCR 66261.24(a)(2)(A)). Because of the discrepancy regarding the physical state of the waste that was tested, it is unclear whether or not the waste is hazardous. However, the available data suggest that the waste is likely hazardous because the results are reported on a mg/L basis and the concentrations exceed the STLC. If one or more of the wastestreams are, in fact, hazardous, disposal of these wastes at a municipal landfill may result in significant environmental liability, even if the disposal practice ceases in the future.

#### *Waste Solvent*

At the time of the site visit, ENVIRON noted that a sink in one of the maintenance shops discharged to a 5-gallon pail. According to facility personnel, parts are degreased in the sink and the residual solvent is discharged to the pail where it evaporates. The solvent reportedly consists of diesel. Waste diesel would likely be classified as a hazardous waste under the ignitability criterion, as the flash point of diesel (which is generally in the range of 100°F to 125°F, depending on the grade) is below the regulatory threshold of 140°F, as set forth in 22 CCR 66261.21. Because the solvent waste is likely ignitable, evaporation of the waste solvent likely constitutes unauthorized treatment of a hazardous waste. If the waste solvent is indeed hazardous, the collection container should be closed when not in use and appropriately managed.

A final hazardous waste management issue was identified with regard to containment in the cable-processing area. The facility treats lead-containing process water

Based on a review of the CERCLIS database, only the DK facility at 2000 North Alameda in Compton, California is listed in the CERCLIS database. The site was discovered in November 1979 and a preliminary assessment was undertaken in July 1984. The site is presently classified in the CERCLIS database as requiring no further response action.

#### **F. Air Emissions**

The primary sources of air emissions at the Site are from: the granulator lines in Buildings 2 and 4; the detinning line; the diesel fuel tank; the outdoor metal-grinding operations; the cable-stripping operations; and the boiler.

Under Title I of the Clean Air Act Amendments (CAAA) of 1990, facilities that have the potential to emit more than 10 ton per year of criteria pollutants (e.g, volatile organic compounds, nitrogen oxides, sulfur oxides, carbon monoxide, particulate matter, and lead) and that are located in a non-attainment area for that pollutant are considered a major source and required to comply with Reasonably Achievable Control Technology (RACT) specified in the State Implementation Plan (SIP). Under Title V of the CAAA, major sources of air emissions are required to obtain operating permits from the State and pay permit fees. The facility is located in a non-attainment area; however, based on the facility's air emissions inventory, which was developed using source test data measured by the South Coast Air Quality Management District (SCAQMD) in 1988 and recent production rates, the emissions are significantly less than 10 tons per year. Consequently, the facility does not appear to be subject to Title I or Title V of the CAAA.

Under Title III of the CAAA, facilities that are included in the major source category and that emit more than 10 tons per year of a single Hazardous Air Pollutant (HAP) or greater than 25 tons per year of combined HAPs will be required to install Maximum Achievable Control Technology (MACT). The facility uses lead, which is a listed HAP, although, based on the facility's emissions inventory, appears to emit significantly less than 10 tons per year and is not subject to any MACT standards.

Lead is also regulated as Toxic Air Contaminants under the California AB 2588 Air Toxics "Hot Spot" Act. The portion of the facility that processes lead has an SIC code of 5162,

Facilities using or processing lead-contaminated material in quantities greater than two tons per year are also subject to SCAQMD Rule 1420, which delineates a variety of operational, record-keeping, and reporting requirements. The operational requirements include measuring ambient lead concentrations at the property and measuring short-term fugitive dust emissions on the property to assure that standards are not exceeded; venting all emission points to an emission collection system; preventing fugitive dust emissions through proper housekeeping activities; and determining ambient lead concentrations through monitoring or modeling. The facility is also required to maintain records regarding housekeeping activities, operation and maintenance of the air control devices, and the quantity of lead purchased, used, and processed. In addition, the facility is required to submit a compliance plan to the SCAQMD regarding quantities of lead-processed; process rates; daily and annual emissions; calculations demonstrating compliance with Rule 1420, and air dispersion modeling. 4/10/94

According to Mr. Lambert, the facility processes approximately four tons of lead per year and, therefore, it is subject to Rule 1420. Based on a review of facility operations and documents and discussions with Mr. Mejia, the facility is in compliance with the above-described requirements, except measurement of emissions and ambient lead concentrations. However, based on the facility's emissions inventory, the facility emits less than 0.5 pounds per day of lead and is exempt from this monitoring requirement under SCAQMD Rule 1420. 6/5/94

According to Mr. Mejia, the facility was most recently inspected by the SCAQMD in 1994. At that time, SCAQMD issued a Notice to Comply to the facility regarding a poor connection between a baghouse and collection hopper. Mr. Mejia stated that the problem was corrected and no fines were issued. At the time of the site visit, ENVIRON observed that a lid on one of the baghouse dust receptors was bent backwards, thereby allowing emissions of dust. ENVIRON recommends that the damaged dust receptor lid be repaired.

#### G. Wastewater

Wastewater generated at the Site includes sanitary wastewater, process water, and storm water. Sanitary wastewater is discharged to the City of South Gate publicly-operated treatment works (POTW). Process water is recovered for recycling. According to Mr. Lambert, process

The facility has a storm water pollution prevention plan and implements a monitoring plan. Based on a brief review of the pollution prevention plan, the plan appears to be complete. Based on a review of the monitoring plan and discussions with Mr. Lambert, the facility is not correctly implementing all components of their monitoring plan. For example, grab storm water samples must be collected approximately three times per year within 30 minutes of initiation of a rainfall event, and Mr. Lambert reported that samples are collected approximately one hour after the initiation of a rainfall event. -

At the time of the site visit, ENVIRON observed that water present in catch basins 4 and 5, which discharge to the river, was contaminated with bits of plastic chop, oil, and metal fines. In addition, piles of scrap metal stored near catch basin 5 overflowed the low containment berm, and storm water contacting these pile would flow into the catch basin and subsequently into the river. ENVIRON recommends that the facility modify its storage practices to ensure that contaminated storm water is not discharged to the river.

Although the facility does not discharge process water to the City sewer, the facility has an industrial waste discharge permit with the City of South Gate. According to Mr. Lambert, even though the facility does not discharge any wastewater, the City routinely collects samples from the on-site clarifier adjacent to Building 2, which would be the central discharge point if the facility were to discharge to the sanitary sewer. Mr. Lambert stated that the facility does not receive copies of the results of the sampling; however, they have never been notified by the City that there are any compliance issues associated with the clarifier or with the facility's wastewater.

## **H. On-site Soil and Ground Water Contamination**

According to Mr. Lambert, no significant spills or releases of material have occurred at the Site and there is no known on-site soil or ground water contamination. Based on the site visit and discussions with facility personnel, ENVIRON, however, identified several potential soil and ground water contamination issues associated with the current and former operations at the Site. These issues are discussed below.

as to why the study was conducted. Based on the 1988 report letter prepared by Environmental Geotechnical Services, three soil samples were collected at shallow depth (2.0 to 2.5 feet) in the vicinity of the present-day shear lines near Building 3 and one soil sample was collected at shallow depth (2.0 to 2.5 feet) to the east of Building 2. It is unknown if visible staining was observed in these areas at the time of the investigation.

The four soil samples were composited for total petroleum hydrocarbons (TPH) analysis and found to contain 140 parts per million (ppm or mg/kg) of TPH. Because the soil samples were composited, it is possible that the TPH contamination in any one sample could be much higher. Based on a review of the Leaking Underground Fuel Tank Field Manual dated October 1989, guidance soil cleanup concentrations for diesel range from 100 ppm to 1000 ppm, depending on site-specific conditions. It, therefore, appears that concentrations of TPH in Site soils could exceed the guidance levels.

One of the soil samples collected in the vicinity of Building 3 was analyzed for total metals and did not contain metal concentrations above the Total Threshold Limit Concentrations (TTLCs). The TTLC is the concentration above which a waste is classified as hazardous and is frequently used as a guidance level for determining whether further action is necessary. There is no information that indicates that this sample is at all representative of the maximum concentrations of metals at the Site.

#### *Former Operations*

As described previously, Blackburn Truck Lines formerly operated a truck maintenance facility in the northern half of the Site. Based on a review of documents, Blackburn Truck Lines formerly had a 10,000-gallon UST and a wastewater clarifier on-site. As described previously, the UST was removed in 1987 and has been classified by the State as requiring no further action. ENVIRON was unable to obtain the UST excavation report to confirm that there are no potential soil and ground water issues associated with the former use of this tank. According to Mr. Lambert, the wastewater clarifier was actually a waste oil sump. ENVIRON could not reconcile the conflicting information regarding the presence of a waste oil sump or wastewater clarifier on-site.

which outlines procedures for promoting awareness and proper handling of hazardous chemicals at the facility. Mr. Lambert was not aware of a written Hazard Communication Plan for the facility, although Mr. Mejia was later able to provide ENVIRON with a copy of the plan. According to Mr. Lambert, the MSDS are made available to employees and maintained in a folder in the office. ENVIRON reviewed the MSDS folder at the time of the site visit and noted that several of the chemicals used on-site are not included in the MSDS folder (e.g., the water treatment chemicals, the detergent used on the water table, and the maintenance paints).

- According to Mr. Mejia, the facility conducts medical monitoring of its employees that are working in the lead cable-processing area to assure that individuals are not exposed to excessive concentrations of lead. In addition, employees in this area are provided with respirators and are required to shower and change clothes after working in the cable-processing area. ENVIRON reviewed the results of recent employee lead monitoring tests and did not identify any concerns.
- Facilities in which employees are exposed to noise in excess of 85 decibels are required to administer a hearing conservation program that includes audiometric testing of employees. According to Mr. Mejia, a noise survey of the Site has been conducted and areas that exceed 85 decibels have been identified in Buildings 2 and 4. Hearing protection is required in these areas. Mr. Mejia stated that hearing protection is provided to employees and that hearing exams are conducted annually. Based on a review of on-site documents, it appears that the facility is appropriately implementing its hearing test program. At the time of the site visit, one employee was observed working on the granulator line in Building 2 without hearing protection. ENVIRON recommends that the facility enforce its policy of requiring employees to wear hearing protection in areas that exceed 85 decibels.



is subject to more stringent state requirements and submits the state equivalent inventory forms.

SARA Title III Section 313 requires submission of Toxic Chemical Release Inventory Forms (Form Rs) for facilities that have an SIC code of 20 through 39 and that manufacture or process listed toxic chemicals in excess of 25,000 pounds per year or use listed toxic chemicals in excess of 10,000 pounds per year. According to Mr. Lambert, the facility does not submit Form Rs. Based on a review of facility operations and discussions with Mr. Lambert, Firma, Inc. processes copper in excess of 25,000 pounds per year. However, the primary SIC code for Firma, Inc. is 50, and the facility is hence exempt from reporting requirements.

## 2. State Requirements

Under California state law, a company is required to establish and implement a business plan for emergency response to a release or threatened release of a hazardous material if it handles hazardous materials in quantities greater than 55 gallons of liquid, 500 pounds of solid, or 200 cubic feet of compressed gas at any one time on-site (H&SC Section 25503.5). The business plan must include a chemical inventory, assignment of emergency coordinators, arrangements with local emergency response teams, listing of emergency equipment, and an evacuation plan. The chemical inventory must be submitted to the city or county by January 1 annually.

The MacLeod Group has submitted a chemical inventory and business plan to the County; however, both are incomplete. Based on a review of the 1995 chemical inventory, the facility has neglected to include several chemicals, such as diesel fuel, hydraulic oils, detergents, water treatment chemicals, and scrap metals. ENVIRON recommends that the facility update its chemical inventory and submit it to the County as soon as possible.

Industries trade organization (which provides informational videos), and from State Farm Insurance Company (which conducts periodic industrial hygiene reviews for insurance purposes). However, there are no established protocols for identifying compliance requirements and there are no procedures for ensuring compliance. Facility personnel do not have on-site access to information sources, such environmental regulations, and there is no formal mechanism for tracking regulatory changes and associated compliance requirements.. The facility does not conduct environmental compliance audits either with or without the assistance of an outside consultant.

Control and maintenance of environmental documents appears to be poorly managed at the facility. For example, the facility does not have a system for ensuring that MSDSs are obtained for all chemicals used at the facility. Facility personnel had difficulty locating many of the documents requested by ENVIRON and were uncertain of the existence of certain pertinent environmental documents. Some of the compliance documents are maintained off-site by Mr. Mejia, and Mr. Mejia was not available for interview during the site visit.

The facility does not have any formal procedures in place for environmental incident reporting. Although Mr. Ellis and Mr. Lambert are responsible for preparing and submitting incident reports, there are no protocols for determining whether or not an incident is, in fact, reportable. Similarly, there are no protocols for confirming that the facility is in compliance with its permit requirements. For example, the facility reported that process wastewater is occasionally discharged to the storm sewer when water storage capacity is exceeded during heavy rainfall, and they did not appear to be aware that such discharges are prohibited under the terms of the facility's storm water permit.

## M. Records Review

### 1. Agency Database Search

A copy of the VISTA report for The MacLeod Group facility is presented in Appendix A. The VISTA report summarizes the results of a search of environmental databases to determine whether the Site or any nearby properties are under investigation

upgradient of The MacLeod Group Site, it is possible that the Site has been adversely affected by releases at Arco.

Two landfills, Purex Rubbish Disposal Company and the Salt Lake Transfer Station, are located within a one half mile radius of the Site. Based on a review of the database, the Purex Landfill is listed as being inactive and closed. The Salt Lake Transfer Station is listed as being an active and licensed small volume (less than 50 tons) transfer station. No additional information regarding these sites is presented in the database.

One ERNS site, the Dial Corporation, is identified with one eighth of one mile of the Site. According to Mr. Lambert, the Dial Corporation site is also known as the Purex site. Based on information in the ERNS database, 40 gallons of sulfuric acid were released within the facility on May 2, 1990. Because the material was released within the facility, it does not appear that incident would have adversely impacted the Site.

Thirteen registered USTs or aboveground storage tanks are identified within a one half mile radius of the Site at the following sites: MacLeod Metals; Cooper Drum; Richard Ramey; United Ready Mix Concrete; Culwell Brothers Inc.; Kustom Fit; South Gate Tire Service Inc.; Bell Foundry Company; Ed Lohr; Reisner Metals; Shultz Steel Company; JJ Forklift Service; and Fire Station #54. The presence of USTs and aboveground storage tanks on nearby properties does not necessarily represent an environmental concern.

Nine RCRA generators are identified within one eighth of one mile of the Site. The following generators are included in the database: Jervis B. Webb; Purex Corp.; W.R. Grace; Cooper Drum Corp.; Blackburn Truck Lines; Spann's Gear and Machine Company; Blake Rivet Company; DSL Transportation Service; and Arnco. The presence of RCRA generators in the nearby vicinity of the Site does not necessarily represent an environmental concern.

## **2. Agency Records Review**

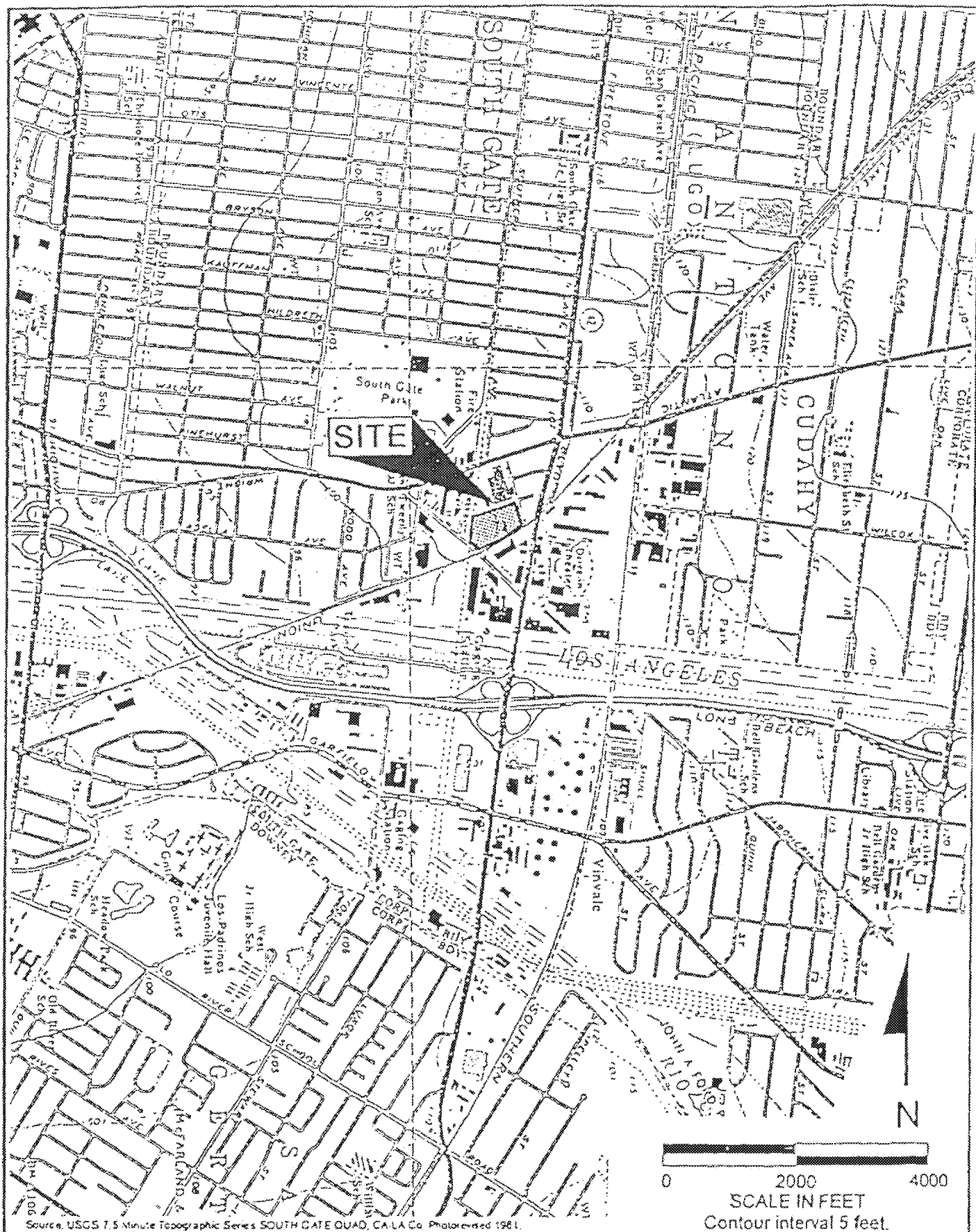
Based on a review of documents obtained from the Los Angeles County of Health Services, the most recent County inspection was conducted on December 6, 1994. At that

lack of documentation indicating that the current metal-bearing wastes are nonhazardous could be a significant compliance issue, particularly if one of the current metal-bearing wastes (e.g., shredder waste) corresponds to the waste that was previously characterized as hazardous waste.

TABLE 2  
CERCLIS SITES WITHIN  
ONE HALF-MILE OF THE MACLEOD SITE

Site Name	Distance (miles)	Direction	Event	Lead Agency	Status
MacLeod Group	0.0		DI-5/14/93 PA-6/23/95	USEPA	NFRAP
Jervis B. Webb	Adjacent		DI-5/14/93 SI-9/30/94 PA-9/30/94	USEPA	Higher Priority
W.R. Grace	0.03	South	DI-5/14/93	USEPA	Unknown
Cooper Drum	0.07	West	ROD- RI/FS-8/12/93 PA-5/1/88 SI-5/2/89 LSI-7/2/90 PNPL-2/7/92 RI-10/22/92	USEPA	Unknown
Westling Roger Ink. Co.	0.12	North	DI-5/14/93 PA-6/13/95	USEPA	NFRAP
Kustom Fit HiTech Seating Products	Adjacent	West	DI-5/14/93 SI-9/30/94 PA-9/30/94	USEPA	Higher Priority
California Alabama Pipe Co.	0.18	Southeast	DI-6/1/81 PA-9/1/84	USEPA	NFRAP
Reisner Metals	0.22	Northeast	DI-5/14/93 SI-7/17/95 PA-7/17/95	USEPA	Lower Priority

DI- Site Discovery  
 LSI - Listing Site Inspection  
 NFRAP - No Further Remedial Action Planned  
 PA- Preliminary Assessment  
 PNPL- Proposed for inclusion on the NPL  
 RI/FS-Remedial Investigation/Feasibility Study  
 RI - Removal Investigation at NPL sites  
 ROD - Record of Decision  
 SI- Site Screening Inspection



ENVIRON

Counsel in Health and Environmental Science

Site Vicinity for the  
MacLeod Metal Group Facility  
South Gate, California

Figure

1

Drafter: RS

Date: 9/3/96

Contract Number: 03-5415A

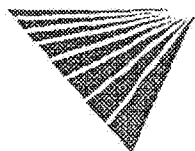
Approved:

Revised:

# SITE ASSESSMENT PLUS REPORT

PROPERTY INFORMATION	CLIENT INFORMATION
Project Name/Ref # THE MCLEOD GRP THE MACLEOD GROUP 9309 RAYO AVE SOUTH GATE, CA 90280 Latitude/Longitude: ( 33.948558, 118.177542 )	MARGARET DAVID ENVIRON-EMERYVILLE 5820 SHELLMOUND ST STE 700 EMERYVILLE, CA 94608

Site Distribution Summary	within 1/8 mile	1/8 to 1/4 mile	1/4 to 1/2 mile	1/2 to 1 mile
<b>Agency / Database - Type of Records</b>				
<b>A) Databases searched to 1 mile:</b>				
US EPA NPL National Priority List	1	0	0	0
US EPA CORRACTS RCRA Corrective Actions	0	0	0	1
US EPA TSD RCRA permitted treatment, storage, disposal facilities	0	0	0	0
STATE SPL State equivalent priority list	0	0	0	0
<b>B) Databases searched to 1/2 mile:</b>				
US EPA CERCLIS Sites under review by US EPA	5	3	0	-
STATE SCL State equivalent CERCLIS list	1	1	0	-
STATE REG LUST Leaking Underground Storage Tanks	2	3	5	-
STATE/ REG/CO SWLF Permitted as solid waste landfills, incinerators, or transfer stations	1	1	0	-
STATE DEED RSTR Sites with deed restrictions	0	0	0	-
STATE CORTESE State index of properties with hazardous waste	2	0	2	-
STATE TOXIC PITS Toxic Pits cleanup facilities	0	0	0	-
<b>C) Databases searched to 1/4 mile:</b>				
US EPA RCRA Viol RCRA violations/enforcement actions	0	0	-	-
US EPA TRIS Toxic Release Inventory database	1	2	-	-
STATE UST/AST Registered underground or aboveground storage tanks	3	10	-	-
COUNTY UNIQUE CO Unique county databases	1	1	-	-
<b>D) Databases searched to 1/8 mile:</b>				
US EPA ERNS Emergency Response Notification System of spills	1	-	-	-
US EPA GNRTR RCRA registered small or large generators of hazardous waste	9	-	-	-



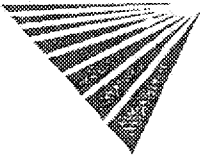
For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 112880-001

Date of Report: August 23, 1996

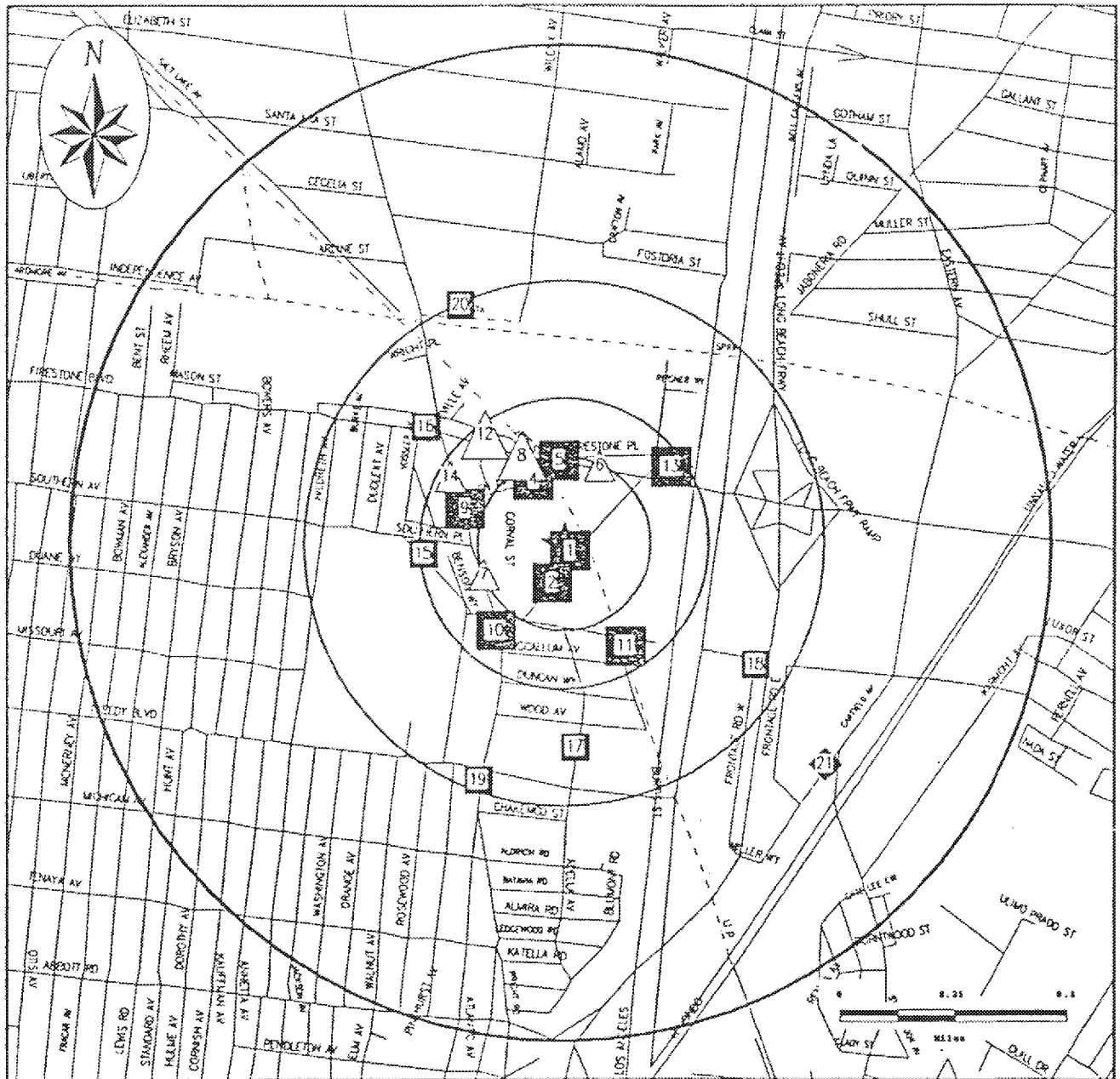
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# SITE ASSESSMENT PLUS REPORT

## Map of Sites within One Mile



Subject Site	Category:	A	B	C	D
	Databases Searched to:	1 mi.	1/2 mi.	1/4 mi.	1/8 mi.
★	Single Sites	◆	■	△	○
	Multiple Sites	◆	■	△	○
—	Roads	NPL, SPL,	CERCLIS,	TRIS,	ERNS,
—	Highways	TSD,	SCL, LUST,	UST	GENERATORS
—	Railroads	CORRACTS	SWLF		
—	Rivers or Water Bodies				
—	Utilities				

If additional databases are listed in the cover page of the report they are also displayed on this map. The map symbol used corresponds to the database category letter A,B,C,D.

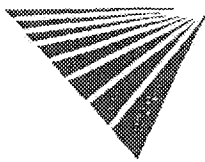
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# SITE ASSESSMENT PLUS REPORT

## Sites Represented as Radius Buffers



These radii are estimated from agency records or detailed street maps. The radii may be based on the furthest boundary of each property or study area from its center. For more information contact the agency referenced by source number in the site listing.



Subject Site

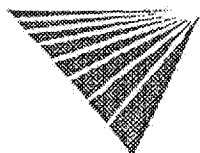


Roads  
Highways  
Railroads  
Rivers or Water Bodies  
Utilities

# SITE ASSESSMENT PLUS REPORT

## SITE INVENTORY

MAP ID	PROPERTY AND THE ADJACENT AREA (within 1/8 mile)	VISTA ID DISTANCE DIRECTION	A				B					C				D		
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	RCRA VIOL	TRIS		UST/AST	UNIQUE CO
1A	MACLEAD METALS CO 9309 RAYO AVE SOUTH GATE, CA 90280	5357439 0.00 MI ADJACENT									X							
1A	MACLEOD METALS COMPANY 9309 RAYO AVENUE SOUTH GATE, CA 90280	1237160 0.00 MI ADJACENT					X		X						X			
1B	JERVIS B. WEBB CO. 9301 RAYO AVE. SOUTH GATE, CA 90280	462602 0.00 MI ADJACENT					X											X
1B	PUREX RUBBISH DISPOSAL COMPANY 9300 S. RAYNO AVE. SOUTH GATE, CA 90280	1185216 0.00 MI ADJACENT								X								
1B	DIAL CORP. (G. WYCH) 9300 ROYO AVENUE SOUTH GATE, CA 90280	200080728 0.00 MI ADJACENT															X	
1B	PUREX CORP 9300 RAYO AVE SOUTH GATE, CA 90280	342464 0.00 MI ADJACENT																X
2	WR GRACE CO CONST PROD DIV 9430 RAYO AVE SOUTH GATE, CA 90280	475761 0.03 MI S																X
2	W.R. GRACE CO. 9430 RAYO SOUTH GATE, CA 90280	4223000 0.03 MI S					X											
3	COOPER DRUM 9316 ATLANTIC AVE SOUTH GATE, CA 90280	5351701 0.07 MI W									X							
3	COOPER DRUM CO 9316 ATLANTIC AVE SOUTH GATE, CA 90280	101493 0.07 MI W	X					X	X						X			X
4A	RICHARD RAMEY 4998 BRANYON SOUTH GATE, CA 90280	4020756 0.08 MI N													X			
4A	BLACKBURN TRUCK LINES 4998 BRANYON AVE SOUTH GATE, CA 90280	49630 0.08 MI N																X
4B	SPANN'S GEAR AND MACHINE CO 4977 BRANYON AVE SOUTH GATE, CA 90280	392667 0.10 MI NW																X
4C	MCLEOD METALS 8980 KENDALL AVE. SOUTH GATE, CA 90280	1585692 0.11 MI NW							X									



X = search criteria; \* = tag-along (beyond search criteria).

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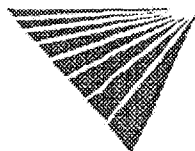
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MAP ID	SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)	VISTA ID DISTANCE DIRECTION	A			B					C			D				
			NPL	CORTRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS
11B	SALT LAKE TRANSFER STATION 9599 SALT LAKE AVENUE SOUTH GATE, CA 90280	2748553 0.22 MI SE							X									
12A	MONDO'S SHOW CHROME/TEDESCO 04933 FIRESTONE BL CA 90280	1584881 0.21 MI NW														X		
12B	ED LOHR 4951 MASON SOUTH GATE, CA 90280	4034968 0.25 MI NW													X			
13A	REISNER METALS 5225 E. FIRESTONE PL. - SOUTH GATE, CA 90280	350729 0.22 MI NE				X		X							X			*
13B	SHULTZ STEEL COMPANY 5321 FIRESTONE BLVD SOUTH GATE, CA 90280	380683 0.23 MI NE												X	X			*
14	JJ FORKELIFT SERVICE 8955 S ATLANTIC SOUTH GATE, CA 90280	4019100 0.22 MI NW													X			
15	FIRE STATION #54 4867 SOUTHERN SOUTH GATE, CA 90280	1220109 0.24 MI W						X							X			

MAP ID	SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)	VISTA ID DISTANCE DIRECTION	A			B				C			D						
			NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR
16	ARCO S.S. #1289 4861 FIRESTONE BLVD., E. SOUTH GATE, CA 90280	3766907 0.33 MI NW							X		X				•				
17	POZAS BROS. TRUCKING CO. 9833 ADELLA AVE SOUTH GATE, CA 90280	1230548 0.37 MI S							X						•				
18	WOODS, W.A., INDUSTRIES, INC. 10120 W. FRONTAGE ROAD SOUTH GATE, CA 90280	474892 0.42 MI SE							X		X				•			•	
19	ADOHR FARMS 9923 ATLANTIC AVENUE SOUTH GATE, CA 90280	932337 0.48 MI SW							X						•				
20	M STEPHENS MANUFACTURING 4839 PATATA ST BELL, CA 90201	5771318 0.49 MI NW							X										



X = search criteria; \* = tag-along (beyond search criteria).

For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

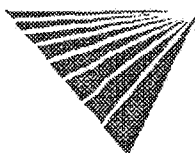
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UNMAPPED SITES	VISTA ID	A				B				C			D					
		NPL	CORRACTS	TSD	SPL	CERCLIS	SCL	LUST	SWLF	DEED RSTR	CORTESE	TOXIC PITS	RCRA VIOL	TRIS	UST/AST	UNIQUE CO	ERNS	GNRTR
CALTRANS-SOUTHGATE NO.1 FIRESTONE BLVD LONG BEACH FW SOUTHGATE, CA	5440210								X									



X = search criteria; • = tag-along (beyond search criteria).

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**PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.**

<b>Regional LUST - Regional Leaking Underground Storage Tank / SRC# 3104</b>	<b>Agency ID:</b>	101890-08
--	-------------------	-----------

<b>Agency Address:</b>	MACLEAD METALS CO 9309 RAYO AVE SOUTH GATE, CA 90280
<b>Tank Status:</b>	NOT AVAILABLE
<b>Discovery Date:</b>	JULY 16, 1990
<b>Media Affected:</b>	SOIL/SAND/LAND
<b>Substance:</b>	DIESEL
<b>Leak Cause:</b>	UNAVAILABLE
<b>Remedial Action:</b>	NOT AVAILABLE
<b>Remedial Status 1:</b>	PRELIMINARY ASSESSMENT
<b>Remedial Status 2:</b>	NOT AVAILABLE
<b>Fields Not Reported:</b>	Quantity (Units), Leak Source

<b>STATE UST - State Underground Storage Tank / SRC# 1612</b>	<b>EPA/Agency ID:</b>	N/A
---	-----------------------	-----

<b>Agency Address:</b>	MACLEOD METALS CO 9309 RAYO SOUTH GATE, CA 90280
<b>Underground Tanks:</b>	2
<b>Aboveground Tanks:</b>	NOT REPORTED
<b>Tanks Removed:</b>	NOT REPORTED

<b>Tank ID:</b>	1U	<b>Tank Status:</b>	CLOSED REMOVED
<b>Tank Contents:</b>	DIESEL	<b>Leak Monitoring:</b>	UNKNOWN
<b>Tank Age:</b>	NOT REPORTED	<b>Tank Piping:</b>	UNKNOWN
<b>Tank Size (Units):</b>	6000 (GALLONS)	<b>Tank Material:</b>	UNKNOWN
<b>Tank ID:</b>	2U	<b>Tank Status:</b>	CLOSED REMOVED
<b>Tank Contents:</b>	DIESEL	<b>Leak Monitoring:</b>	UNKNOWN
<b>Tank Age:</b>	NOT REPORTED	<b>Tank Piping:</b>	UNKNOWN
<b>Tank Size (Units):</b>	6000 (GALLONS)	<b>Tank Material:</b>	UNKNOWN

<b>VISTA Address:</b>	<b>JERVIS B. WEBB CO.</b> 9301 RAYO AVE. SOUTH GATE, CA 90280	<b>VISTA ID#:</b>	462602
		<b>Distance/Direction:</b>	0.00 MI / ADJACENT
		<b>Plotted as:</b>	Point
<b>CERCLIS / SRC# 2976</b>		<b>EPA ID:</b>	CAD008339467

Map ID

**1B**

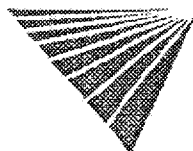
<b>Agency Address:</b>	SAME AS ABOVE			
<b>NPL Status:</b>	NOT A PROPOSED, CURRENT, OR DELETED NPL SITE			
<b>Site Ownership:</b>	PRIVATE/NON-GOVERNMENTAL			
<b>Lead Agency:</b>	NOT AVAILABLE			
<b>Site Description:</b>	NOT REPORTED			

<b>Event Type:</b>	<b>Lead Agency:</b>	<b>Event Status:</b>	<b>Start Date:</b>	<b>Completion Date:</b>
DISCOVERY	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED	MAY 14, 1993

<b>SCREENING SITE INSPECTION</b>	<b>EPA FUND-FINANCED</b>	<b>LOWER PRIORITY</b>	<b>JULY 7, 1994</b>	<b>SEPTEMBER 30, 1994</b>
<b>PRELIMINARY ASSESSMENT</b>	<b>EPA FUND-FINANCED</b>	<b>HIGHER PRIORITY</b>	<b>NOT REPORTED</b>	<b>SEPTEMBER 30, 1994</b>

<b>RCRA-LgGen - RCRA-Large Generator / SRC# 3057</b>	<b>EPA ID:</b>	CAD008339467
--	----------------	--------------

<b>Agency Address:</b>	WEBB, JERVIS B CO OF CALIFORNIA 9301 SO. RAYO SOUTH GATE, CA 90280
<b>Generator Class:</b>	GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE



\* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	PUREX CORP 9300 RAYO AVE SOUTH GATE, CA 90280	VISTA ID#:	342464
		Distance/Direction:	0.00 MI / ADJACENT
		Plotted as:	Point
RCRA-LgGen - RCRA-Large Generator / SRC# 3057		EPA ID:	CAD008295869
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.		

Map ID

1B

VISTA Address*:	WR GRACE CO CONST PROD DIV 9430 RAYO AVE SOUTH GATE, CA 90280	VISTA ID#:	475761
		Distance/Direction:	0.03 MI / S
		Plotted as:	Point
RCRA-SmGen - RCRA-Small Generator / SRC# 3057		EPA ID:	CAD981624497
Agency Address:	SAME AS ABOVE		
Generator Class:	GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE		

Map ID

2

VISTA Address*:	W.R. GRACE CO. 9430 RAYO SOUTH GATE, CA 90280	VISTA ID#:	4223000
		Distance/Direction:	0.03 MI / S
		Plotted as:	Point
CERCLIS / SRC# 2976		EPA ID:	CAD059221952
Agency Address:	SAME AS ABOVE		
NPL Status:	NOT A PROPOSED, CURRENT, OR DELETED NPL SITE		
Site Ownership:	PRIVATE/NON-GOVERNMENTAL		
Lead Agency:	NOT AVAILABLE		
Site Description:	NOT REPORTED		
Event Type:	Lead Agency:	Event Status:	Start Date:
DISCOVERY	EPA FUND-FINANCED	UNKNOWN	NOT REPORTED
			Completion Date:
			MAY 14, 1993

Map ID

2

VISTA Address*:	COOPER DRUM 9316 ATLANTIC AVE SOUTH GATE, CA 90280	VISTA ID#:	5351701
		Distance/Direction:	0.07 MI / W
		Plotted as:	Radius
CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:	COOPER DRUM 9316 ATLANTIC AVE SOUTH GATE, CA 902800000		
List Name:	CALSITE		
Site ID:	INV-ID19-029462		

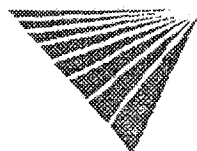
Map ID

3

VISTA Address*:	COOPER DRUM CO 9316 ATLANTIC AVE SOUTH GATE, CA 90280	VISTA ID#:	101493
		Distance/Direction:	0.07 MI / W
		Plotted as:	Radius
NPL - National Priority List / SRC# 3064		EPA ID:	CAD055753370
Agency Address:	SAME AS ABOVE		
NPL Status:	PROPOSED FOR NPL		
Site Ownership:	PRIVATE/NON-GOVERNMENTAL		
Lead Agency:	NOT AVAILABLE		
Site Description:	NOT REPORTED		

Map ID

3



\* VISTA address includes enhanced city and ZIP.

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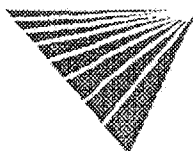
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**PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.**

<b>Regional CERCLIS / SRC# 2462</b>		<b>EPA ID:</b>	CAD055753370
<b>Agency Address:</b>		COOPER DRUM CO. 9316 ATLANTIC AVE SOUTH GATE, CA 90280	
<b>Regional Utility Description:</b> NEW CERCLIS SITE			
<b>SCL - State Equivalent CERCLIS List / SRC# 2825</b>		<b>Agency ID:</b>	19500052
<b>Agency Address:</b>		COOPER DRUM 9316 ATLANTIC AVENUE SOUTH GATE, CA 90280	
<b>Status:</b>	PROPOSED FOR NPL		
<b>Facility Type:</b>	NOT AVAILABLE		
<b>Lead Agency:</b>	EPA FUND-FINANCED		
<b>State Status:</b>	REFERRED TO ANOTHER AGENCY		
<b>Pollutant 1:</b>	OTHER PESTICIDE CONTAINERS, 30 GAL OR MORE		
<b>Pollutant 2:</b>	PAINT SLUDGE		
<b>Pollutant 3:</b>	TANK BOTTOM WASTES		
<b>RCRA-LgGen - RCRA-Large Generator / SRC# 3057</b>		<b>EPA ID:</b>	CAD055753370
<b>Agency Address:</b>		SAME AS ABOVE	
<b>Generator Class:</b>		GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.	
<b>STATE UST - State Underground Storage Tank / SRC# 1612</b>		<b>EPA/Agency ID:</b>	N/A
<b>Agency Address:</b>		COOPER DRUM CO 9316 S ATLANTIC SOUTH GATE, CA 13	
<b>Underground Tanks:</b>		13	
<b>Aboveground Tanks:</b>		NOT REPORTED	
<b>Tanks Removed:</b>		NOT REPORTED	
<b>Tank ID:</b>	1U	<b>Tank Status:</b>	ACTIVE/IN SERVICE
<b>Tank Contents:</b>	REPORTED AS "UNKNOWN" BY AGENCY	<b>Leak Monitoring:</b>	UNKNOWN
<b>Tank Age:</b>	NOT REPORTED	<b>Tank Piping:</b>	UNKNOWN
<b>Tank Size (Units):</b>	NOT REPORTED (GALLONS)	<b>Tank Material:</b>	UNKNOWN
<b>Tank ID:</b>	2U	<b>Tank Status:</b>	ACTIVE/IN SERVICE
<b>Tank Contents:</b>	REPORTED AS "UNKNOWN" BY AGENCY	<b>Leak Monitoring:</b>	UNKNOWN
<b>Tank Age:</b>	NOT REPORTED	<b>Tank Piping:</b>	UNKNOWN
<b>Tank Size (Units):</b>	NOT REPORTED (GALLONS)	<b>Tank Material:</b>	UNKNOWN
<b>Tank ID:</b>	3U	<b>Tank Status:</b>	ACTIVE/IN SERVICE
<b>Tank Contents:</b>	REPORTED AS "UNKNOWN" BY AGENCY	<b>Leak Monitoring:</b>	UNKNOWN
<b>Tank Age:</b>	NOT REPORTED	<b>Tank Piping:</b>	UNKNOWN
<b>Tank Size (Units):</b>	NOT REPORTED (GALLONS)	<b>Tank Material:</b>	UNKNOWN
<b>Tank ID:</b>	4U	<b>Tank Status:</b>	ACTIVE/IN SERVICE
<b>Tank Contents:</b>	REPORTED AS "UNKNOWN" BY AGENCY	<b>Leak Monitoring:</b>	UNKNOWN
<b>Tank Age:</b>	NOT REPORTED	<b>Tank Piping:</b>	UNKNOWN
<b>Tank Size (Units):</b>	NOT REPORTED (GALLONS)	<b>Tank Material:</b>	UNKNOWN
<b>Tank ID:</b>	5U	<b>Tank Status:</b>	ACTIVE/IN SERVICE
<b>Tank Contents:</b>	REPORTED AS "UNKNOWN" BY AGENCY	<b>Leak Monitoring:</b>	UNKNOWN
<b>Tank Age:</b>	NOT REPORTED	<b>Tank Piping:</b>	UNKNOWN
<b>Tank Size (Units):</b>	NOT REPORTED (GALLONS)	<b>Tank Material:</b>	UNKNOWN
<b>Tank ID:</b>	6U	<b>Tank Status:</b>	ACTIVE/IN SERVICE
<b>Tank Contents:</b>	REPORTED AS "UNKNOWN" BY AGENCY	<b>Leak Monitoring:</b>	UNKNOWN
<b>Tank Age:</b>	NOT REPORTED	<b>Tank Piping:</b>	UNKNOWN
<b>Tank Size (Units):</b>	NOT REPORTED (GALLONS)	<b>Tank Material:</b>	UNKNOWN



\* VISTA address includes enhanced city and ZIP.

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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

VISTA Address*:	BLACKBURN TRUCK LINES 4998 BRANYON AVE SOUTH GATE, CA 90280	VISTA ID#:	49630
		Distance/Direction:	0.08 MI / N
		Plotted as:	Point
RCRA-LgGen - RCRA-Large Generator / SRC# 3057		EPA ID:	CAD981443633
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.	

Map ID

4A

VISTA Address*:	SPANN'S GEAR AND MACHINE CO 4977 BRANYON AVE SOUTH GATE, CA 90280	VISTA ID#:	392667
		Distance/Direction:	0.10 MI / NW
		Plotted as:	Point
RCRA-SmGen - RCRA-Small Generator / SRC# 3057		EPA ID:	CAD981443690
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE 100 KG/MONTH BUT LESS THAN 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE	

Map ID

4B

VISTA Address*:	MCLEOD METALS 8980 KENDALL AVE. SOUTH GATE, CA 90280	VISTA ID#:	1585692
		Distance/Direction:	0.11 MI / NW
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 3056		Agency ID:	012491-34
Agency Address:		SAME AS ABOVE	
Tank Status:		NOT AVAILABLE	
Media Affected:		UNKNOWN	
Substance:		GASOLINE (UNSPECIFIED)	
Leak Cause:		UNAVAILABLE	
Remedial Action:		NOT AVAILABLE	
Remedial Status 1:		CASE CLOSED/CLEANUP COMPLETE	
Remedial Status 2:		NOT AVAILABLE	
Fields Not Reported:		Discovery Date, Quantity (Units), Leak Source	

Map ID

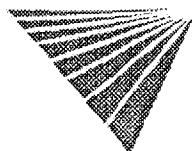
4C

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 3104		Agency ID:	012491-34
Agency Address:		MCLEOD METALS 8980 KENDALL AVE SOUTH GATE, CA 90280	
Tank Status:		NOT AVAILABLE	
Discovery Date:		JANUARY 15, 1991	
Media Affected:		UNKNOWN	
Substance:		GASOLINE (UNSPECIFIED)	
Leak Cause:		UNAVAILABLE	
Remedial Action:		NOT AVAILABLE	
Remedial Status 1:		CASE CLOSED/CLEANUP COMPLETE	
Remedial Status 2:		NOT AVAILABLE	
Fields Not Reported:		Quantity (Units), Leak Source	

VISTA Address*:	BLAKE RIVET CO 5030 FIRESTONE BLVD SOUTH GATE, CA 90280	VISTA ID#:	50233
		Distance/Direction:	0.11 MI / N
		Plotted as:	Point
RCRA-LgGen - RCRA-Large Generator / SRC# 3057		EPA ID:	CAD063798995
Agency Address:		SAME AS ABOVE	
Generator Class:		GENERATORS WHO GENERATE AT LEAST 1000 KG/MONTH OF NON-ACUTELY HAZARDOUS WASTE OR 1 KG/MONTH OF ACUTELY HAZARDOUS WASTE.	

Map ID

5A



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PROPERTY AND THE ADJACENT AREA (within 1/8 mile) CONT.

Log Number:	871133
Discovery Date:	APRIL 12, 1987
Abate Date:	NOT REPORTED
State Status:	RIFS.
Description:	EPA HAS PROPOSED THE SITE FOR LISTING ON NPL, IT MAY BE LISTED
Description:	IN JUNE REPORT. FIVE MW INSTALLED.

SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile)

VISTA Address*:	UNITED READY MIX CONCRETE 4988 FIRESTONE SOUTH GATE, CA 90280	VISTA ID#:	1219816
		Distance/Direction:	0.14 MI / NW
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	UNITED READY MIX CONCRETE 4988 FIRESTONE SOUTH GATE, CA		
Underground Tanks:	1		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1U	Tank Status:	ACTIVE/IN SERVICE
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN

Map ID

8

VISTA Address*:	CULWELL BROTHERS INC 4973 E FIRESTONE BLVD SOUTH GATE, CA 90280	VISTA ID#:	108822
		Distance/Direction:	0.16 MI / NW
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	CULWELL BROS 4973 E FIRESTONE SOUTH GATE, CA		
Underground Tanks:	NOT REPORTED		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		
Tank ID:	1U	Tank Status:	NOT AVAILABLE
Tank Contents:	NOT REPORTED	Leak Monitoring:	UNKNOWN
Tank Age:	NOT REPORTED	Tank Piping:	NOT AVAILABLE
Tank Size (Units):	NOT REPORTED (NOT AVAILABLE)	Tank Material:	NOT AVAILABLE

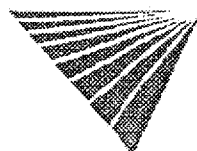
Map ID

8

VISTA Address*:	KUSTOM FIT 8990 ATLANTIC SOUTH GATE, CA 90280	VISTA ID#:	4019101
		Distance/Direction:	0.16 MI / W
		Plotted as:	Point
STATE UST - State Underground Storage Tank / SRC# 1612		EPA/Agency ID:	N/A
Agency Address:	KUSTOM FIT 8990 ATLANTIC SOUTH GATE, CA		
Underground Tanks:	NOT REPORTED		
Aboveground Tanks:	NOT REPORTED		
Tanks Removed:	NOT REPORTED		

Map ID

9



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**SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.**

<b>Regional LUST - Regional Leaking Underground Storage Tank / SRC# 3104</b>		<b>Agency ID:</b>	060295-21
<b>Agency Address:</b>	SAME AS ABOVE		
<b>Tank Status:</b>	NOT AVAILABLE		
<b>Discovery Date:</b>	FEBRUARY 22, 1994		
<b>Media Affected:</b>	SOIL/SAND/LAND		
<b>Substance:</b>	DIESEL		
<b>Leak Cause:</b>	UNAVAILABLE		
<b>Remedial Action:</b>	NOT AVAILABLE		
<b>Remedial Status 1:</b>	REM ACTION PLAN		
<b>Remedial Status 2:</b>	NOT AVAILABLE		
<b>Fields Not Reported:</b>	Quantity (Units), Leak Source		

<b>VISTA Address*:</b>	<b>SOUTH GATE TIRE SERVICE INC</b> 9511 S ATLANTIC SOUTH GATE, CA 90280	<b>VISTA ID#:</b>	1255463
		<b>Distance/Direction:</b>	0.18 MI / SW
		<b>Plotted as:</b>	Point

Map ID

**10**

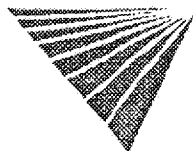
<b>STATE UST - State Underground Storage Tank / SRC# 1612</b>		<b>EPA/Agency ID:</b>	N/A
<b>Agency Address:</b>	SOUTH GATE TIRE SERVICE INC 9511 S ATLANTIC SOUTH GATE, CA 90286		
<b>Underground Tanks:</b>	4		
<b>Aboveground Tanks:</b>	NOT REPORTED		
<b>Tanks Removed:</b>	NOT REPORTED		
<b>Tank ID:</b>	1U	<b>Tank Status:</b>	CLOSED REMOVED
<b>Tank Contents:</b>	UNLEADED GAS	<b>Leak Monitoring:</b>	UNKNOWN
<b>Tank Age:</b>	NOT REPORTED	<b>Tank Piping:</b>	UNKNOWN
<b>Tank Size (Units):</b>	1 (GALLONS)	<b>Tank Material:</b>	UNKNOWN
<b>Tank ID:</b>	2U	<b>Tank Status:</b>	CLOSED REMOVED
<b>Tank Contents:</b>	UNLEADED GAS	<b>Leak Monitoring:</b>	UNKNOWN
<b>Tank Age:</b>	NOT REPORTED	<b>Tank Piping:</b>	UNKNOWN
<b>Tank Size (Units):</b>	1 (GALLONS)	<b>Tank Material:</b>	UNKNOWN
<b>Tank ID:</b>	3U	<b>Tank Status:</b>	CLOSED REMOVED
<b>Tank Contents:</b>	DIESEL	<b>Leak Monitoring:</b>	UNKNOWN
<b>Tank Age:</b>	NOT REPORTED	<b>Tank Piping:</b>	UNKNOWN
<b>Tank Size (Units):</b>	1 (GALLONS)	<b>Tank Material:</b>	UNKNOWN
<b>Tank ID:</b>	4U	<b>Tank Status:</b>	CLOSED REMOVED
<b>Tank Contents:</b>	UNLEADED GAS	<b>Leak Monitoring:</b>	UNKNOWN
<b>Tank Age:</b>	NOT REPORTED	<b>Tank Piping:</b>	UNKNOWN
<b>Tank Size (Units):</b>	1 (GALLONS)	<b>Tank Material:</b>	UNKNOWN

<b>VISTA Address*:</b>	<b>BELL FOUNDRY CO</b> 5310 SOUTHERN AVE SOUTH GATE, CA 90280	<b>VISTA ID#:</b>	43249
		<b>Distance/Direction:</b>	0.18 MI / SE
		<b>Plotted as:</b>	Point

Map ID

**11A**

<b>STATE UST - State Underground Storage Tank / SRC# 1612</b>		<b>EPA/Agency ID:</b>	N/A
<b>Agency Address:</b>	BELL FOUNDRY CO 5311 SOUTHERN SOUTH GATE, CA 90280		
<b>Underground Tanks:</b>	3		
<b>Aboveground Tanks:</b>	NOT REPORTED		
<b>Tanks Removed:</b>	NOT REPORTED		
<b>Tank ID:</b>	1U	<b>Tank Status:</b>	ACTIVE IN SERVICE
<b>Tank Contents:</b>	REPORTED AS "UNKNOWN" BY AGENCY	<b>Leak Monitoring:</b>	UNKNOWN
<b>Tank Age:</b>	NOT REPORTED	<b>Tank Piping:</b>	UNKNOWN
<b>Tank Size (Units):</b>	NOT REPORTED (GALLONS)	<b>Tank Material:</b>	UNKNOWN



\* VISTA address includes enhanced city and ZIP.

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**SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.**

<b>VISTA Address*:</b>	<b>SALT LAKE TRANSFER STATION</b> 9599 SALT LAKE AVENUE SOUTH GATE, CA 90280	<b>VISTA ID#:</b>	2748553
		<b>Distance/Direction:</b>	0.22 MI / SE
		<b>Plotted as:</b>	Point
<b>STATE SWLF - Solid Waste Landfill / SRC# 2882</b>		<b>Agency ID:</b>	19-AA-0837
<b>Agency Address:</b>	SALT LAKE TRANSFER STATION 9599 SALT LAKE AVENUE SOUTH GATE, CA		
<b>Facility Type:</b>	TRANSFER STATION		
<b>Facility Status:</b>	ACTIVE		
<b>Facility Life:</b>	NOT REPORTED		
<b>Permit Status:</b>	PERMITTED/LICENSED		
<b>Waste:</b>	NOT REPORTED		
<b>County SWLF - County Solid Waste Landfill / SRC# 2783</b>		<b>Agency ID:</b>	19-AA-0837
<b>Agency Address:</b>	SAME AS ABOVE		
<b>Facility Class:</b>	SMALL VOLUME (USUALLY UNDER 50 TONS)		
<b>Facility Type:</b>	TRANSFER STATION		
<b>Public Status:</b>	CLOSED		
<b>Solid Waste Status:</b>	ACTIVE/OPEN		
<b>SWIS Permit Status:</b>	ACTIVE		

<b>VISTA Address*:</b>	<b>MONDO'S SHOW CHROME/TEDESCO</b> 04933 FIRESTONE BL CA 90280	<b>VISTA ID#:</b>	1584881
		<b>Distance/Direction:</b>	0.21 MI / NW
		<b>Plotted as:</b>	Point
<b>LA Co Site Mtn - LA County Site Mitigation / SRC# 2683</b>		<b>Agency ID:</b>	91S247
<b>Agency Address:</b>	SAME AS ABOVE		
<b>Waste Name:</b>	POTENTIAL HEAVY META		
<b>Media Affected:</b>	NOT REPORTED		
<b>Log Number:</b>	911136		
<b>Discovery Date:</b>	APRIL 11, 1991		
<b>Abate Date:</b>	NOT REPORTED		
<b>State Status:</b>	PI		
<b>Description:</b>	ADDITIONAL SITE INVESTIGATION IS REQUIRED.		

<b>VISTA Address*:</b>	<b>ED LOHR</b> 4951 MASON SOUTH GATE, CA 90280	<b>VISTA ID#:</b>	4034968
		<b>Distance/Direction:</b>	0.25 MI / NW
		<b>Plotted as:</b>	Point
<b>STATE UST - State Underground Storage Tank / SRC# 1612</b>		<b>EPA/Agency ID:</b>	N/A
<b>Agency Address:</b>	ED LOHR 4951 MASON SOUTH GATE, CA		
<b>Underground Tanks:</b>	NOT REPORTED		
<b>Aboveground Tanks:</b>	NOT REPORTED		
<b>Tanks Removed:</b>	NOT REPORTED		
<b>Tank ID:</b>	1U	<b>Tank Status:</b>	NOT AVAILABLE
<b>Tank Contents:</b>	NOT REPORTED	<b>Leak Monitoring:</b>	UNKNOWN
<b>Tank Age:</b>	NOT REPORTED	<b>Tank Piping:</b>	NOT AVAILABLE
<b>Tank Size (Units):</b>	NOT REPORTED (NOT AVAILABLE)	<b>Tank Material:</b>	NOT AVAILABLE

Map ID

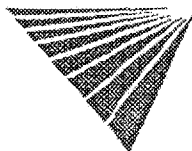
**11B**

Map ID

**12A**

Map ID

**12B**



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**SITES IN THE SURROUNDING AREA (within 1/8 - 1/4 mile) CONT.**

VISTA Address*:	<b>SHULTZ STEEL COMPANY</b> <b>5321 FIRESTONE BLVD</b> <b>SOUTH GATE, CA 90280</b>		VISTA ID#:	380683
			Distance/Direction:	0.23 MI / NE
			Plotted as:	Point
<b>STATE UST - State Underground Storage Tank / SRC# 1612</b>			EPA/Agency ID:	N/A
Agency Address:		SHULTZ STEEL COMPANY 5321 FIRESTONE SOUTH GATE, CA 90280		
Underground Tanks:		2		
Aboveground Tanks:		NOT REPORTED		
Tanks Removed:		NOT REPORTED		
Tank ID:	1U	Tank Status:	CLOSED REMOVED	
Tank Contents:	OIL (NOT SPECIFIED)	Leak Monitoring:	UNKNOWN	
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN	
Tank Size (Units):	2500 (GALLONS)	Tank Material:	BARE STEEL	
Tank ID:	2U	Tank Status:	CLOSED REMOVED	
Tank Contents:	DIESEL	Leak Monitoring:	UNKNOWN	
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN	
Tank Size (Units):	10000 (GALLONS)	Tank Material:	BARE STEEL	
<b>TRIS - Toxic Release Inventory System / SRC# 2587</b>			EPA ID:	CAD981396856
Agency Address:		SHULTZ STEEL CO. 5321 FIRESTONE BLVD. SOUTH GATE, CA 902803599		
Chemical Abstract Service Registry:		Quantity Released:		
CHROMIUM		19.00 (POUNDS)		
COPPER		NOT REPORTED (POUNDS)		
NICKEL		19.00 (POUNDS)		

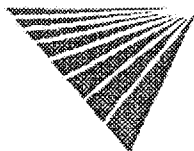
Map ID

**13B**

VISTA Address*:	<b>JJ FORKELIFT SERVICE</b> <b>8955 S ATLANTIC</b> <b>SOUTH GATE, CA 90280</b>		VISTA ID#:	4019100
			Distance/Direction:	0.22 MI / NW
			Plotted as:	Point
<b>STATE UST - State Underground Storage Tank / SRC# 1612</b>			EPA/Agency ID:	N/A
Agency Address:		JJ FORKELIFT SERVICE 8955 S ATLANTIC SOUTH GATE, CA		
Underground Tanks:		3		
Aboveground Tanks:		NOT REPORTED		
Tanks Removed:		NOT REPORTED		
Tank ID:	1U	Tank Status:	ACTIVE/IN SERVICE	
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN	
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN	
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN	
Tank ID:	2U	Tank Status:	ACTIVE/IN SERVICE	
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN	
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN	
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN	
Tank ID:	3U	Tank Status:	ACTIVE/IN SERVICE	
Tank Contents:	REPORTED AS "UNKNOWN" BY AGENCY	Leak Monitoring:	UNKNOWN	
Tank Age:	NOT REPORTED	Tank Piping:	UNKNOWN	
Tank Size (Units):	NOT REPORTED (GALLONS)	Tank Material:	UNKNOWN	

Map ID

**14**



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**SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile)**

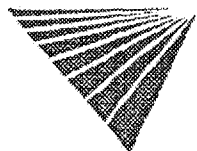
VISTA Address*:	ARCO S.S. #1289 4861 FIRESTONE BLVD., E. SOUTH GATE, CA 90280	VISTA ID#:	3766807
		Distance/Direction:	0.33 MI / NW
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 3056		Agency ID:	I-12054
Agency Address:		SAME AS ABOVE	
Tank Status:		NOT AVAILABLE	
Media Affected:		GROUNDWATER	
Substance:		GASOLINE (UNSPECIFIED)	
Leak Cause:		UNAVAILABLE	
Remedial Action:		NOT AVAILABLE	
Remedial Status 1:		PRELIMINARY ASSESSMENT	
Remedial Status 2:		NOT AVAILABLE	
Fields Not Reported:		Discovery Date, Quantity (Units), Leak Source	
Regional LUST - Regional Leaking Underground Storage Tank / SRC# 3104		Agency ID:	I-12054
Agency Address:		ARCO #1289 4861 FIRESTONE BLVD E SOUTH GATE, CA 90280	
Tank Status:		NOT AVAILABLE	
Discovery Date:		MAY 29, 1992	
Media Affected:		GROUNDWATER	
Substance:		GASOLINE (UNSPECIFIED)	
Leak Cause:		UNAVAILABLE	
Remedial Action:		NOT AVAILABLE	
Remedial Status 1:		PRELIMINARY ASSESSMENT	
Remedial Status 2:		NOT AVAILABLE	
Fields Not Reported:		Quantity (Units), Leak Source	
CORTESE / SRC# 2298		EPA/Agency ID:	N/A
Agency Address:		ARCO #1289 4861 FIRESTONE BLVD E. SOUTH GATE, CA 90280	
List Name:		LEAKING TANK	
Site ID:		INV-ID19-003629	
VISTA Address*:	POZAS BROS. TRUCKING CO. 9833 ADELLA AVE SOUTH GATE, CA 90280	VISTA ID#:	1230548
		Distance/Direction:	0.37 MI / S
		Plotted as:	Point
STATE LUST - State Leaking Underground Storage Tank / SRC# 3056		Agency ID:	I-11588
Agency Address:		SAME AS ABOVE	
Tank Status:		NOT AVAILABLE	
Media Affected:		SOIL/SAND/LAND	
Substance:		GASOLINE (UNSPECIFIED)	
Leak Cause:		UNAVAILABLE	
Remedial Action:		NO ACTION REQUIRED	
Remedial Status 1:		CONTAMINATION ASSESSMENT	
Remedial Status 2:		NOT AVAILABLE	
Fields Not Reported:		Discovery Date, Quantity (Units), Leak Source	

Map ID

**16**

Map ID

**17**



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**SITES IN THE SURROUNDING AREA (within 1/4 - 1/2 mile) CONT.**

VISTA Address*:	ADOHR FARMS 9923 ATLANTIC AVENUE SOUTH GATE, CA 90280	VISTA ID#:	932337
		Distance/Direction:	0.48 MI / SW
		Plotted as:	Point

Map ID

**19**

STATE LUST - State Leaking Underground Storage Tank / SRC#	Agency ID:	I-11225
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Agency Address:	ADOHR FARMS 9923 ATLANTIC AVENUE SOUTH GATE, CA
Tank Status:	NOT AVAILABLE
Media Affected:	SOIL/SAND/LAND
Substance:	DIESEL
Leak Cause:	UNAVAILABLE
Remedial Action:	NOT AVAILABLE
Remedial Status 1:	REM ACTION PLAN
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source

Regional LUST - Regional Leaking Underground Storage Tank / SRC# 3104	Agency ID:	I-11225
---	------------	---------

Agency Address:	ADOHR FARMS 9923 ATLANTIC AVE SOUTH GATE, CA 90280
Tank Status:	NOT AVAILABLE
Discovery Date:	APRIL 10, 1984
Media Affected:	SOIL/SAND/LAND
Substance:	DIESEL
Leak Cause:	UNAVAILABLE
Remedial Action:	NOT AVAILABLE
Remedial Status 1:	REM ACTION PLAN
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Quantity (Units), Leak Source

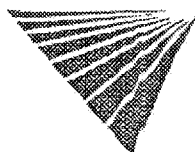
VISTA Address*:	M STEPHENS MANUFACTURING 4839 PATATA ST BELL, CA 90201	VISTA ID#:	5771318
		Distance/Direction:	0.49 MI / NW
		Plotted as:	Point

Map ID

**20**

STATE LUST - State Leaking Underground Storage Tank / SRC#	Agency ID:	I-11513
--	------------	---------

Agency Address:	M STEPHENS MANUFACTURING 4839 PATATA ST CUDAHY, CA 90201
Tank Status:	NOT AVAILABLE
Media Affected:	SOIL/SAND/LAND
Substance:	GASOLINE (UNSPECIFIED)
Leak Cause:	UNAVAILABLE
Remedial Action:	NOT AVAILABLE
Remedial Status 1:	CASE CLOSED/CLEANUP COMPLETE
Remedial Status 2:	NOT AVAILABLE
Fields Not Reported:	Discovery Date, Quantity (Units), Leak Source



\* VISTA address includes enhanced city and ZIP.

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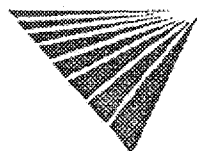
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# UNMAPPED SITES

VISTA Address*:	CALTRANS-SOUTHGATE NO.1 FIRESTONE BLVD LONG BEACH FW SOUTHGATE, CA	VISTA ID#:	5440210
WMUDS / SRC# 2463		Agency ID:	4 190169NUR
Agency Address:		SAME AS ABOVE	
Solid Waste Inventory System ID:		NOT REPORTED	
Facility Type:		Not reported	
Facility In State Board Waste Discharger System:		NO	
Chapter 15 Facility:		NO	
Solid Waste Assessment Test Facility:		YES	
Toxic Pits Cleanup Act Facility:		NO	
RCRA Facility:		NO	
Department of Defense Facility:		NO	
Open To Public:		NO	
Number Of Waste Management Units:		1	
Rank:		7	
Enforcements At Facility:		NO	
Violations At Facility:		NO	



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NFRAP  
SRC#: 2977

VISTA conducts a database search to identify all sites within 1/2 mile of your property.  
The agency release date for CERCLIS-NFRAP was March, 1996.

NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly, or the contamination was not serious enough to require Federal Superfund action or NPL consideration.

Cal Cerclis  
SRC#: 2462

VISTA conducts a database search to identify all sites within 1/2 mile of your property.  
The agency release date for Ca Cerclis w/Regional Utility Description was June, 1995.

This database is provided by the U.S. Environmental Protection Agency, Region 9. These are regional utility descriptions for California CERCLIS sites.

SCL  
SRC#: 2825

VISTA conducts a database search to identify all sites within 1/2 mile of your property.  
The agency release date for Calsites Database: All Sites except Annual Workplan Sites (incl. ASPIS) was January, 1996.

This database is provided by the Department of Toxic Substances Control. These are lower priority than the SPL sites.

SWLF  
SRC#: 2882

VISTA conducts a database search to identify all sites within 1/2 mile of your property.  
The agency release date for Ca Solid Waste Information System (SWIS) was March, 1996.

This database is provided by the Integrated Waste Management Board.

LAC-Landfills  
SRC#: 2783

VISTA conducts a database search to identify all sites within 1/2 mile of your property.  
The agency release date for Los Angeles County Landfills and Transfer Stations was October, 1995.

This database is provided by the Public Health Investigations, Hazardous Material Control Program.

WMUDS  
SRC#: 2463

VISTA conducts a database search to identify all sites within 1/2 mile of your property.  
The agency release date for Waste Management Unit Database System (WMUDS) was June, 1995.

This database is provided by the State Water Resources Control Board. This is used for program tracking and inventory of waste management units. This system contains information from the following eight main databases: Facility, Waste Management Unit, SWAT Program Information, SWAT Report Summary Information, Chapter 15 (formerly Subchapter 15), TPCA Program Information, RCRA Program Information, Closure Information; also some information from the WDS (Waste Discharge System).

LUST  
SRC#: 3056

VISTA conducts a database search to identify all sites within 1/2 mile of your property.  
The agency release date for Lust Information System (LUSTIS) was April, 1996.

This database is provided by the California Environmental Protection Agency.

LUST RG4  
SRC#: 3104

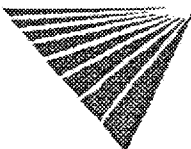
VISTA conducts a database search to identify all sites within 1/2 mile of your property.  
The agency release date for Region #4-UST Leak List was July, 1996.

This database is provided by the Regional Water Quality Control Board, Region #4.

LUST RG6  
SRC#: 3105

VISTA conducts a database search to identify all sites within 1/2 mile of your property.  
The agency release date for Region #6-Leaking Underground Storage Tank Listing was June, 1996.

This database is provided by the Regional Water Quality Control Board, Region #6.





TRIS  
SRC#: 2587

VISTA conducts a database search to identify all sites within 1/4 mile of your property.  
The agency release date for TRIS was May, 1995.

Section 313 of the Emergency Planning and Community Right-to-Know Act (also known as SARA Title III) of 1986 requires the EPA to establish an inventory of Toxic Chemicals emissions from certain facilities( Toxic Release Inventory System). Facilities subject to this reporting are required to complete a Toxic Chemical Release Form(Form R) for specified chemicals.

#### D) DATABASES SEARCHED TO 1/8 MILE

ERNS  
SRC#: 3006

VISTA conducts a database search to identify all sites within 1/8 mile of your property.  
The agency release date for ERNS was March, 1996.

The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of transportation. A search of the database records for the period October 1986 through June 1995 revealed the following information regarding reported spills of oil or hazardous substances in the stated area.

RCRA-LgGen  
SRC#: 3057

VISTA conducts a database search to identify all sites within 1/8 mile of your property.  
The agency release date for RCRIS was May, 1996.

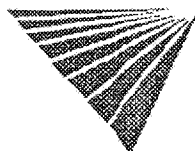
The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Large Generators are facilities which generate at least 1000 kg./month of non-acutely hazardous waste ( or 1 kg./month of acutely hazardous waste).

RCRA-SmGen  
SRC#: 3057

VISTA conducts a database search to identify all sites within 1/8 mile of your property.  
The agency release date for RCRIS was May, 1996.

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities database is a compilation by the EPA of facilities which report generation, storage, transportation, treatment or disposal of hazardous waste. RCRA Small and Very Small generators are facilities which generate less than 1000 kg./month of non-acutely hazardous waste.

End of Report



For more information call VISTA Information Solutions, Inc. at 1 - 800 - 767 - 0403.

Report ID: 112880-001

Date of Report: August 23, 1996

Version 2.4.1

Page #37

**Appendix G2:  
Bechtel Correspondences**

A243 0001

# Bechtel

50 Beale Street  
San Francisco, CA 94105-1895

Mailing address: P.O. Box 193965  
San Francisco, CA 94119-3965

October 31, 1994  
Sent by Facsimile  
(213) 567-5128

Ellis White  
MacLeod Metals Company  
9309 Rayo Avenue  
South Gate, CA 90280

Re: Scheduled Site Visit

Dear Mr. White:

Bechtel Environmental, Inc. (BEI) is currently a contractor to the U.S. Environmental Protection Agency (EPA) under EPA Contract No. 68-W9-0060. Pursuant to Section 104 of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA or Superfund), as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), and to Section 3007 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended by the Hazardous and Solid Waste Amendments of 1984 (HSWA), the EPA is conducting a nationwide inventory and screening of sites and facilities where hazardous substances may be located. Under the contractual relationship with the EPA, BEI is responsible for assisting the EPA in identifying and investigating such potential sites. The EPA has requested BEI to conduct a preliminary assessment (PA) of the MacLeod Metals Company site.

A PA is a limited-scope investigation of sites on the Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) database. PA investigators collect readily available information, conduct a "walk around" of the site and its immediate environs, and interview the site representative. The PA is designed to distinguish between sites that pose little or no threat to human health and the environment and sites that require further investigation to make such a determination. The PA also identifies sites requiring assessment for possible emergency response actions.

As I discussed in my phone conversation with James Mejia, your environmental consultant, on October 31, 1994, a site visit at the MacLeod Metals Company site is scheduled for the following date and time:

Wednesday, November 9, 1994  
10:00 a.m.

Upon arrival at the site, BEI representatives will produce a letter of introduction duly designating BEI to conduct a PA at the facility. We will take photographs and collect information about the site, which will be incorporated into the PA. After the site tour, we would like to meet with you to discuss the information requested by this letter.

Pursuant to applicable provisions of Section 104 of CERCLA; Section 3007 of the Resource Conservation and Recovery Act (RCRA); Section 9 of the Federal Insecticide, Fungicide, and Rodenticide Act; Section 3 of the Toxic Substances Control Act; and Section 308 of the Clean Water Act, EPA hereby requests that you make the following information available to BEI at the time of the facility visit:

- Ownership and operational history of the site.
- Site plans, facility maps, and historical aerial photographs, if available, showing the locations of any hazardous substances, pollutant or contaminant, management activities, wells, buildings, drainage, and any other relevant features.



**Bechtel Environmental, Inc.**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION IX  
75 Hawthorne Street  
San Francisco, CA 94105

OCT 31 1994

To Whom It May Concern:

Region 9 conducts site assessment activities at certain sites under the authorization of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), specifically Sections 104 and 105. The purpose of this letter is to inform you that Region 9 may disclose information regarding a site assessment and that you have the right to assert a business confidentiality claim regarding information that you are being asked to provide regarding the site.

This letter serves as notice to you pursuant to 40 CFR §2.310(h) of Region 9's intention to disclose to our contractor information pertaining to your facility relating to: (1) any materials which have been or are generated, treated, stored, disposed of, or transported from the facility; and (2) your ability to pay for or to perform a cleanup. Region 9 plans to disclose this information to Bechtel Environmental Incorporated under Contract Number 68-W9-0060; this disclosure is necessary in order for Bechtel Environmental Incorporated to carry out the inspection of your facility, including document review and copying. Pursuant to 40 CFR §2.310(h), you may submit comments to Region 9 on EPA's disclosure of confidential information to this contractor. Any comments on this contemplated disclosure must be submitted to EPA within five days of your receipt of this letter. Please submit any such comments to:

Thomas A. Mix, Chief  
Site Evaluation & Grants Section  
U.S. Environmental Protection Agency  
75 Hawthorne Street  
San Francisco, California 94105

As discussed in the accompanying letter from Bechtel Environmental Incorporated, Bechtel Environmental Incorporated is conducting site assessment activities on behalf of Region 9 regarding a site, and you are being asked to provide information for the site assessment. For the information that you provide in response to this request, you may assert a business confidentiality claim covering all or part of the information that you make available as provided in Section 104(e) of CERCLA as amended and 40 CFR §2.203(b). Please submit any such claim and any information that you deem confidential to Thomas Mix at the above address.

-3-

8. Any other issue you deem relevant.

You may also assert a business confidentiality claim regarding photographs taken by the contractor and information provided orally during the site visit. If you assert such a claim, then we will provide you with the photographs and the site visit record so that you may clearly identify the items that the company feels are entitled to confidential treatment and answer the above questions regarding those items.

Please note that all confidentiality claims are subject to agency verification and that you bear the burden of substantiating your confidentiality claim pursuant to 40 CFR §2.208(e). Conclusory allegations will be given little or no weight. If you wish to claim any of the information in your response to questions 1 through 8 above as confidential, you must mark the response "CONFIDENTIAL" or with a similar designation, and must bracket all text so claimed. Information so designated will be disclosed by EPA only to the extent allowed by, and by means of the procedures set forth in, 40 CFR Part 2.

Please notify us of any claim and provide us with substantiating comments within 15 days of your receipt of this letter. You may request an extension of time to submit your claim and comments but the request must be made within 15 days of your receipt of this letter. EPA will construe the failure to furnish a confidentiality claim with substantiation within 15 days of your receipt of this letter as a waiver of that claim, and in that case information may be made available to the public without further notice to you.

If you need an extension to submit your comments, or have any questions, please contact Thomas Mix at (415)744-2344.

Sincerely,



Donald C. White, Chief  
Field Operations Branch

# Bechtel

50 Beale Street  
San Francisco, CA 94105-1895  
Mailing address: P.O. Box 193965  
San Francisco, CA 94119-3965

March 13, 1995

Bill Lambert  
MacLeod Metals Company  
9309 Rayo Avenue  
South Gate, CA 90280

Dear Mr. Lambert:

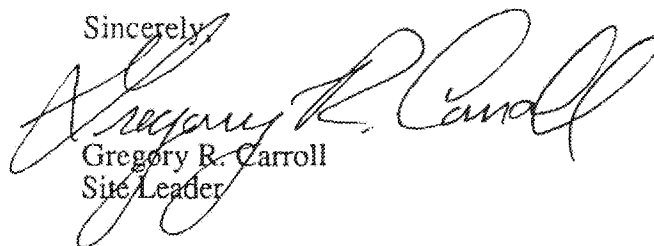
As you know, Bechtel Environmental, Inc. (BEI) is assisting the EPA in assessing potential hazardous waste contamination at various abandoned sites and operating facilities. During our telephone conversations on December 13, 1994 and December 14, 1994, you provided information in response to follow-up questions to BEI's November 9, 1994 site reconnaissance.

Our contract with the EPA requires documentation of certain telephone conversations concerning the investigation. If a telephone conversation provides information that is important to our analyses, the EPA requires that we obtain concurrence on the accuracy of the information provided.

Attached for your review is a draft of the Contact Report documenting our telephone conversations. Please review it and make any changes you feel necessary. Please sign and date the form on the "Contact Concurrence" line and return the form to me as soon as possible with your comments in the self-addressed, stamped envelope provided.

I appreciate your assistance. If you have any questions, or wish to discuss the Contact Report further, please do not hesitate to call me at (415) 768-6496.

Sincerely,



Gregory R. Carroll  
Site Leader

Attachment

Enclosure



**Bechtel Environmental, Inc.**

## CONTACT REPORT (Cont'd)

AGENCY/AFFILIATION: MacLeod Metals Company		
CONTACT(S)  Bill Lambert	TITLE  General Manager	DATE: 12/13/94 and 12/14/94
SITE NAME: MacLeod Metals Company		EPA ID: CAD 983667916

## DISCUSSION (Cont'd):

The "liquid sludge" sample listed in the June 1986 Los Angeles County Department of Health Services Public Health Laboratories report was collected from the cement-lined gutter near the outdoor caustic (sodium hydroxide) tanks, a portion of the closed loop containment system that directs any nearby runoff back into the de-tinning system process tanks.

Prior to 1990, MacLeod used small quantities of solvent for parts cleaning in its maintenance shop. According to Mr. Lambert's best recollection, stoddard solvent was the solvent used at this time. MacLeod operated and maintained less equipment at the site at this time (only one truck and two to three forklifts), and no more than 5 or 10 gallons of stoddard solvent were present on site at any one time. Waste stoddard solvent was added to the waste oil storage tank. Authorized hazardous waste transporters removed the waste stoddard solvent/waste oil mixture from the site. Since 1990, MacLeod has used diesel fuel for parts cleaning. Spent diesel fuel is mixed with waste oil. Approximately 200 gallons to 400 gallons of waste oil are currently transported off site each year. In the past, up to approximately 800 gallons of waste oil was generated each year. Authorized hazardous waste transporters remove the waste oil/waste diesel mixture from the site.

Until a few years ago, MacLeod had two 10,000-gallon single-walled underground diesel fuel tanks underneath FIRMA Plant 1, between the wire chopper and the building. MacLeod used one tank to store diesel fuel; the other tank was never used. A few years ago MacLeod closed the tanks by filling them with slurry. Angle drilling conducted underneath the tanks produced no evidence of leakage. MacLeod now stores diesel fuel in a 6,000-gallon double-walled underground storage tank near the front gate.

CONTACT CONCURRENCE: \_\_\_\_\_ DATE: \_\_\_\_\_

**Appendix G3:**  
**UST Closure Documents**





# DEPARTMENT OF PUBLIC WORKS

1540 ALCAZAR STREET  
LOS ANGELES, CALIFORNIA 90033  
Telephone: (213) 226-8111

THOMAS A. TIDEMANSON, Director  
WYNN SMITH, Chief Deputy Director  
CECIL BUGH, Assistant Director

ADDRESS ALL CORRESPONDENCE TO  
P.O. BOX 4069  
LOS ANGELES, CALIFORNIA 90061

September 9, 1987

IN REPLY PLEASE  
REFER TO FILE: I-13639-2J

Blackburn Truck Lines  
4998 Branyon Avenue  
Southgate, CA 90280

Attn: Lee Glavin:

HAZARDOUS MATERIALS UNDERGROUND STORAGE  
CLOSURE PERMIT NO. 3041  
FACILITY AT: 4998 BRANYON

This office has reviewed the soil/groundwater assessment report submitted on August 27, 1987 as required as part of the subject closure procedure. Based on the information submitted, the following action is required:

- ☒ [x] The closure is final and no further action is required.
- ☐ [ ] The soils removed during the tank excavation are unrestricted and may be used as backfill material. The closure is final and no further action is required.
- ☐ [ ] The soils are not suitable as fill material and must be manifested and transported to a hazardous waste disposal facility as required by California Health and Safety Code, Division 20, Chapter 6.2, unless evidence is presented indicating that disposal is proper at a less restricted facility. Copies of all completed manifests shall be submitted to this office indicating legal disposal.
- ☐ [ ] The permanent closure of the tank(s) in place shall comply with requirements set by the local Fire Department. Verification must be submitted to this office indicating proper closure and completion of all work.

If you have any questions concerning this matter, please contact  
Mr. John Huff at (213) 226-4018.

Very truly yours,

T. A. TIDEMANSON  
Director of Public Works

By [Signature]  
Waste Management Division

cc: Environmental Geotechnical Services

CL204 8/86

HAZARDOUS MATERIALS UNDERGROUND STORAGE  
LOS ANGELES COUNTY  
DEPARTMENT OF PUBLIC WORKS  
WASTE MANAGEMENT DIVISION  
2250 ALCAZAR STREET  
LOS ANGELES, CALIFORNIA 90033

Closure Permi  
No. 3041  
File No.  
I-13659

To satisfy the permanent closure requirements for underground storage tanks previously storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.
2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
<u>1-2</u>	<u>2" below tank invert</u>	<u>TPH</u>	<u>418.1</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

3. All soil samples obtained shall be undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date of sampling shall be included in the final report.
4. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.
5. The analysis results for all soil samples shall be expressed in milligrams per kilogram (mg/kg). Analysis results for groundwater samples shall be expressed in parts per billion (ppb).
6. Analysis results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) The method of analysis.
7. All soil/groundwater samples obtained shall be handled and transported to a laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.
8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.
9. A final report that contains all of the above required information shall be submitted to the office above within one (1) month from the sampling date or 180 days from the earlier...

TEL: 213 567 1339

APR -03 02 (WED) 23:04 MACLEOD METALS



COUNTY OF LOS ANGELES  
DEPARTMENT OF PUBLIC WORKS

900 SOUTH FREMONT AVENUE  
ALHAMBRA, CALIFORNIA 91803-1331  
Telephone: (818) 458-5100

THOMAS A. TIDEMANSON, Director

ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

April 12, 1993

Mr. William Lambert  
MacLead Metals Company  
9309 Rayo Avenue  
Southgate, CA 90280

IN REPLY PLEASE  
REFER TO FILE

WM-1  
15534-2J

HAZARDOUS MATERIALS UNDERGROUND STORAGE  
CLOSURE CERTIFICATION  
FACILITY LOCATION: 9309 RAYO AVENUE, SOUTHGATE  
CLOSURE PERMIT NUMBER 7834B

This office has reviewed the final closure report submitted on May 20, 1991 required as a part of the subject closure permit. Based on the information submitted, we find that all closure requirements have been completed. With the provision that the information provided to this agency was accurate and representative of existing conditions, it is our position that no further action is required at this time.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at this site. Nor does it relieve you of the responsibility to clean up existing, additional, or previously unidentified conditions at the site which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health.

Additionally, be advised that changes in the present or proposed use of the site may require further site characterization and mitigation activity. It is the property owner's responsibility to notify this agency of any changes in report content, future contamination findings, or site usage.

If you have any questions regarding this matter, please contact Rani Iyer of this office at (818) 458- 3560, Monday through Thursday, 7:00 a.m. to 5:30 p.m.

Very truly yours,

T. A. TIDEMANSON  
Director of Public Works

Carl W. Sjoberg  
Chief, Industrial Waste Planning & Control  
Waste Management Division

UST1/CL205  
C58758

cc: California Regional Water Quality Control Board  
Bekimian & Associates, Inc.

Table 2-1

Leaching Potential Analysis for Gasoline and Diesel  
Using Total Petroleum Hydrocarbons (TPH)  
and Benzene, Toluene, Xylene and Ethylbenzene (BTX&E)

The following table was designed to permit estimating the concentrations of TPH and BTX&E that can be left in place without threatening ground water. Three levels of TPH and BTX&E concentrations were derived (from modeling) for sites which fall into categories of low, medium or high leaching potential. To use the table, find the appropriate description for each of the features. Score each feature using the weighting system shown at the top of each column. Sum the points for each column and total them. Match the total points to the allowable BTX&E and TPH levels.

SITE FEATURE	S C O R E	SCORE 10 PTS IF CON- DITION IS MET	S C O R E	SCORE 9 PTS IF CON- DITION IS MET	S C O R E	SCORE 5 PTS IF CON- DITION IS MET
Minimum Depth to Ground Water from the Soil Sample (feet)	10	>100		51-100		25-50\1
Fractures in subsurface (applies to foothills or mountain areas)	10	None		Unknown		Present
Average Annual Precipitation (inches)		<10	9	10-25		26-40\2
Man-made conduits which increase vertical migration of leachate	10	None		Unknown		Present
Unique site features: recharge area, coarse soil, nearby wells, etc	10	None		At least one		More than one
COLUMN TOTALS-TOTAL PTS	40	+	9	+	0	= 49
RANGE OF TOTAL POINTS	49pts or more		41 - 48 pts		40pts or less	
MAXIMUM ALLOWABLE B/T/X/E LEVELS (PPM)	1/50/50/50		.3/.3/1/1		NA\3	
MAXIMUM ALLOWABLE TPH LEVELS (PPM)	GASOLINE	1000	100		10	
	DIESEL	10000	1000		100	

- \1 If depth is greater than 5 ft. and less than 25 ft., score 0 points.
- \2 If depth is 5 ft. or less, this table should not be used.
- \3 If precipitation is over 40 inches, score 0 points.
- \3 Levels for BTX&E are not applicable at a TPH concentration of 10ppm (gasoline) or 100ppm (diesel) (For explanation see step 6, page 27.)

Source: LUFT Manual, October 1989

*K. K. Helamian*

**Appendix G4:**  
**PLM Report, CTL 1997**

## POLARIZED LIGHT MICROSCOPY SUMMARY REPORT

CLIENT Firma-McLeod Group. 9309 Rayo Avenue, South Gate, CA 90280

Client Project# : 101 Location:

CTL Lab# 114643 CTL Project # : SG97FMG999

Analytical Method: EPA/ 600/ R-93/ 116, July 1993

Client Sample # CTL sample #	Sample Remarks Or Description	Total Asbestos %	Asbestos Type(s) present
<b>1A</b> 97-16702A	Acoustic spray - Building #4	4 %	chrysotile
<b>1B</b> 97-16702B	Drywall under 1A # of layers in sample = 2	Not detected	-----
<b>2</b> 97-16703	Insulation - Detining tank steam line	Not detected	-----

Supervisor Signature: Mohd Suddi

Date Received: 5/13/97

Analyst MZS

Date Analyzed: 5/13/97

When a sample is "layered", the Total Asbestos % represents the composite percentage of all sample layers. If the asbestos percentage of an individual layer is required, the detailed lab report should be referenced, or the layer should be reanalyzed as a separate sample. Samples reported as Not detected, or less than 1% (<1%), are non-asbestos containing according to PLM method definitions.

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar material products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is a sed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.



### TESTS REQUIRED

Client: FIRMA - MALLOD GROUP Date: 4/13/97  
Address: Subsite 9309 RAYO AVENUE, SOUTH GATE, CA  
Project Name: ANALYSIS DETERMINATION  
Project Number: #101 310  
Project Manager: J. MEDIA Phone #: ~~213~~ 438-8807 Pager: \_\_\_\_\_

☐ *PLM*                      ☐ *PCM*  
☐ *TEM - Bulk*           ☐ *TEM - Water*  
☐ *TEM - AIHRA*        ☐ *TEM - EPA Level II*

CTL will store sample for 30 days (beginning with the date the samples were received in the laboratory at no charge)

1. Client will pick up \_\_\_\_\_ by \_\_\_\_\_  
2. Lab Disposal \_\_\_\_\_ by \_\_\_\_\_

## SAMPLE INFORMATION

[illegible]

**Special Instructions (including turn around time):**

DETERMINE ASBESTOS CONTENT  
A.S.A.P

**Documentation Attached:**

624

Received By James Mejia

*Received By*

Received By \_\_\_\_\_

Relinquished By James Mijia

*Relinquished By*

*Relinquished By*

Date/Time: 4/13/97

Date/Time:

*Date/Time:*

Received for Laboratory: *W. Ballard*

Date/Time: 5/13/97 8:45

**Appendix G5:**  
**Annual Storm Water Discharge Report**



STATE OF CALIFORNIA  
STATE WATER RESOURCES CONTROL BOARD  
**2000-2001 ANNUAL REPORT**  
FOR STORM WATER DISCHARGES ASSOCIATED  
WITH INDUSTRIAL ACTIVITIES

Reporting Period July 1, 2000 through June 30, 2001

**An Annual Report is required to be submitted to your local Regional Water Quality Control Board (Regional Board) by July 1 of each year.** This document must be certified and signed, under penalty of perjury, by the appropriate official of your company. Many of the Annual Report questions require an explanation. Please provide explanations on a separate sheet as an attachment. **Retain a copy of the completed Annual Report for your records.**

If any information contained in Items A, B, and C below is incorrect, please cross out or highlight the incorrect information (do not white out or erase) and provide the correct information next to or above the incorrect information so that we can update our records. Please remember that a Notice of Termination and new Notice of Intent is required whenever your facility is relocated or changes ownership.

If you have any questions, please contact your Regional Board Storm Water Program Contact. The address of the Regional Board (where the Annual Report must be submitted) along with the name, telephone number, and e-mail address of the contact is indicated below. Additional copies of the Annual Report may be obtained from our web site at [www.swrcb.ca.gov](http://www.swrcb.ca.gov).

**REGIONAL BOARD INFORMATION:**

LOS ANGELES REGIONAL WATER BOARD  
320 W. 4TH STREET, SUITE 200  
LOS ANGELES, CA 90013

DAN RADULESCU  
(213) 576-6668

E-mail: [dradules@rb4.swrcb.ca.gov](mailto:dradules@rb4.swrcb.ca.gov)

**GENERAL INFORMATION**

**A. Facility Location:**

MACLEOD METALS  
9309 ~~9340~~ RAYO AVE  
SOUTH GATE, CA 90280

Facility WDID No:

4 19S003226

**B. Facility Operator Information:**

Contact Person:  
WILLIAM LAMBERT  
(323) 567-7767

MACLEOD METALS  
9309 ~~9340~~ RAYO AVE  
SOUTH GATE, CA 90280

**C. Facility Information:**

Contact Person:  
WILLIAM LAMBERT  
(323) 567-7767

Mailing Address: MACLEOD METALS  
9309 ~~9340~~ RAYO AVE  
SOUTH GATE, CA 90280 ~

SIC Code(s):

5093 Scrap & Waste Materials

Additional Table D Parameters: Fe, Pb, Al, Cu, Zn, COD  
(Hazardous Waste Facilities, see Table D, Sector K of the Permit)

Waste Discharge Order No:

4. For each storm event sampled, did you collect and analyze a sample from each of the facility's storm water discharge locations? ☒ YES, go to Item E.6 ☐ NO
5. Was sample collection or analysis reduced in accordance with Section B.7.d of the General Permit? ☐ YES ☐ NO, attach explanation
- If "YES", attach documentation supporting your determination that two or more drainage areas are substantially identical.
- Date facility's drainage areas were last evaluated 5/11/01
6. Were all samples collected during the first hour of discharge? ☒ YES ☐ NO, attach explanation
7. Was all storm water sampling preceded by three (3) working days without a storm water discharge? ☒ YES ☐ NO, attach explanation
8. Were there any discharges of stormwater that had been temporarily stored or contained? (such as from a pond) ☐ YES ☒ NO, go to Item E.10
9. Did you collect and analyze samples of temporarily stored or contained storm water discharges from two storm events? (or one storm event if you checked item D.2.i or iii. above) ☐ YES ☐ NO, attach explanation
10. Section B.5. of the General Permit requires you to analyze storm water samples for pH, Total Suspended Solids (TSS), Specific Conductance (SC), Total Organic Carbon (TOC) or Oil and Grease (O&G), other pollutants likely to be present in storm water discharges in significant quantities, and analytical parameters listed in Table D of the General Permit.
- a. Does Table D contain any additional parameters related to your facility's SIC code(s)? ☐ YES ☒ NO, Go to Item E.11
- b. Did you analyze all storm water samples for the applicable parameters listed in Table D? ☒ YES ☐ NO
- c. If you did not analyze all storm water samples for the applicable Table D parameters, check one of the following reasons:
- \_\_\_\_\_ In prior sampling years, the parameter(s) have not been detected in significant quantities from two consecutive sampling events. **Attach explanation**
- \_\_\_\_\_ The parameter(s) is not likely to be present in storm water discharges and authorized non-storm water discharges in significant quantities based upon the facility operator's evaluation. **Attach explanation**
- \_\_\_\_\_ Other. **Attach explanation**
11. For each storm event sampled, attach a copy of the laboratory analytical reports and report the sampling and analysis results using Form 1 or its equivalent. The following must be provided for each sample collected:
- Date and time of sample collection
  - Name and title of sampler.
  - Parameters tested.
  - Name of analytical testing laboratory.
  - Discharge location identification.
  - Testing results.
  - Test methods used.
  - Test detection limits.
  - Date of testing.
  - Copies of the laboratory analytical results.

#### G. MONTHLY WET SEASON VISUAL OBSERVATIONS

Section B.4.a of the General Permit requires you to conduct monthly visual observations of storm water discharges at all storm water discharge locations during the wet season. These observations shall occur during the first hour of discharge or, in the case of temporarily stored or contained storm water, at the time of discharge.

1. Indicate below whether monthly visual observations of storm water discharges occurred at all discharge locations. Attach an explanation for any "NO" answers. Include in this explanation whether any eligible storm events occurred during scheduled facility operating hours that did not result in a storm water discharge, and provide the date, time, name and title of the person who observed that there was no storm water discharge.

	YES	NO		YES	NO
October	<input checked="" type="checkbox"/>	<input type="checkbox"/>	February	<input checked="" type="checkbox"/>	<input type="checkbox"/>
November	<input checked="" type="checkbox"/>	<input type="checkbox"/>	March	<input checked="" type="checkbox"/>	<input type="checkbox"/>
December	<input checked="" type="checkbox"/>	<input type="checkbox"/>	April	<input checked="" type="checkbox"/>	<input type="checkbox"/>
January	<input checked="" type="checkbox"/>	<input type="checkbox"/>	May	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2. Report monthly wet season visual observations using Form 4 or provide the following information.
  - a. date, time, and location of observation
  - b. name and title of observer
  - c. characteristics of the discharge (i.e., odor, color, etc.) and source of any pollutants observed.
  - d. any new or revised BMPs necessary to reduce or prevent pollutants in storm water discharges. Provide new or revised BMP implementation date.

#### ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION (ACSCE)

##### H. ACSCE CHECKLIST

Section A.9 of the General Permit requires the facility operator to conduct one ACSCE in each reporting period (July 1-June 30). Evaluations must be conducted within 8-16 months of each other. The SWPPP and monitoring program shall be revised and implemented, as necessary, within 90 days of the evaluation. The checklist below includes the minimum steps necessary to complete a ACSCE. Indicate whether you have performed each step below. Attach an explanation for any "NO" answers.

1. Have you inspected all potential pollutant sources and industrial activities areas? ☒ YES ☐ NO  
The following areas should be inspected:

- areas where spills and leaks have occurred during the last year.
- outdoor wash and rinse areas.
- process/manufacturing areas.
- loading, unloading, and transfer areas.
- waste storage/disposal areas.
- dust/particulate generating areas.
- erosion areas.
- building repair, remodeling, and construction
- material storage areas
- vehicle/equipment storage areas
- truck parking and access areas
- rooftop equipment areas
- vehicle fueling/maintenance areas
- non-storm water discharge generating areas

2. Have you reviewed your SWPPP to assure that its BMPs address existing potential pollutant sources and industrial activities areas? ☒ YES ☐ NO

3. Have you inspected the entire facility to verify that the SWPPP's site map, is up-to-date? The following site map items should be verified: ☒ YES ☐ NO

- facility boundaries
- outline of all storm water drainage areas
- areas impacted by run-on
- storm water discharges locations
- storm water collection and conveyance system
- structural control measures such as catch basins, berms, containment areas, oil/water separators, etc.

## ATTACHMENT SUMMARY

Answer the questions below to help you determine what should be attached to this annual report. Answer NA (Not Applicable) to questions 2-4 if you are not required to provide those attachments.

1. Have you attached Forms 1,2,3,4, and 5 or their equivalent? ☒ YES (Mandatory)
2. If you conducted sampling and analysis, have you attached the laboratory analytical reports? ☒ YES ☐ NO ☐ NA
3. If you checked box II, III, IV, or V in item D.2 of this Annual Report, have you attached the first page of the appropriate certifications? ☒ YES ☐ NO ☐ NA
4. Have you attached an explanation for each "NO" answer in items E.1, E.2, E.5-E.7, E.9, E.10.c, F.1.b, F.2.a, F.2.c, G.1, H.1-H.7, or J? ☐ YES ☒ NO ☐ NA

## ANNUAL REPORT CERTIFICATION

I am duly authorized to sign reports required by the INDUSTRIAL ACTIVITIES STORM WATER GENERAL PERMIT (see Standard Provision C.9) and I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those person directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Printed Name: WILLIAM LAMBERT

Signature: William Lambert Date: 6-11-01

Title: PLANT MANAGER

## 2000-2001

SIDE B

FORM 2-QUARTERLY VISUAL OBSERVATIONS OF AUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)

[illegible]

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ANNUAL REPORT

SIDE B

FORM 3 QUARTERLY VISUAL OBSERVATIONS OF UNAUTHORIZED  
NON-STORM WATER DISCHARGES (NSWDs)

OBSERVATION DATE (FROM REVERSE SIDE)	NAME OF UNAUTHORIZED NSWD  EXAMPLE: Vehicle Wash Water	SOURCE AND LOCATION OF UNAUTHORIZED NSWD  EXAMPLE: NW Corner of Parking Lot	DESCRIBE UNAUTHORIZED NSWD CHARACTERISTICS Indicate whether unauthorized NSWD is clear, cloudy, discolored, causing stains; contains floating objects or an oil sheen, has odors, etc.		DESCRIBE CORRECTIVE ACTIONS TO ELIMINATE UNAUTHORIZED NSWD AND TO CLEAN IMPACTED DRAINAGE AREAS. PROVIDE UNAUTHORIZED NSWD ELIMINATION DATE.
			AT THE UNAUTHORIZED NSWD SOURCE	AT THE UNAUTHORIZED NSWD AREA AND DISCHARGE LOCATION	
____/____/____  ____:____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____/____/____  ____:____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____/____/____  ____:____ <input type="checkbox"/> AM <input type="checkbox"/> PM					
____/____/____  ____:____ <input type="checkbox"/> AM <input type="checkbox"/> PM					

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SIDE B

FORM 4-MONTHLY VISUAL OBSERVATIONS OF  
STORM WATER DISCHARGES

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION  EXAMPLE: Discharge from material storage Area #2	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS  Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS  EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
<div data-bbox="121 537 243 570">/ /</div> <div data-bbox="121 626 289 691"> <input type="checkbox"/> AM  <input type="checkbox"/> PM </div>				
<div data-bbox="121 753 243 786">/ /</div> <div data-bbox="121 842 289 907"> <input type="checkbox"/> AM  <input type="checkbox"/> PM </div>				
<div data-bbox="121 969 243 1002">/ /</div> <div data-bbox="121 1058 289 1123"> <input type="checkbox"/> AM  <input type="checkbox"/> PM </div>				
<div data-bbox="121 1185 243 1218">/ /</div> <div data-bbox="121 1274 289 1339"> <input type="checkbox"/> AM  <input type="checkbox"/> PM </div>				
<div data-bbox="121 1401 243 1433">/ /</div> <div data-bbox="121 1490 289 1555"> <input type="checkbox"/> AM  <input type="checkbox"/> PM </div>				

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SIDE B

FORM 4 (Continued)-MONTHLY VISUAL OBSERVATIONS OF  
STORM WATER DISCHARGES

DATE/TIME OF OBSERVATION (From Reverse Side)	DRAINAGE AREA DESCRIPTION	DESCRIBE STORM WATER DISCHARGE CHARACTERISTICS	IDENTIFY AND DESCRIBE SOURCE(S) OF POLLUTANTS	DESCRIBE ANY REVISED OR NEW BMPs AND THEIR DATE OF IMPLEMENTATION
	EXAMPLE: Discharge from material storage Area #2	Indicate whether storm water discharge is clear, cloudy, or discolored; causing staining; containing floating objects or an oil sheen, has odors, etc.	EXAMPLE: Oil sheen caused by oil dripped by trucks in vehicle maintenance area.	
<div data-bbox="151 516 277 548">/ /</div> <div data-bbox="151 604 319 669"> <input type="checkbox"/> AM  <input type="checkbox"/> PM </div>				
<div data-bbox="151 734 277 766">/ /</div> <div data-bbox="151 821 319 886"> <input type="checkbox"/> AM  <input type="checkbox"/> PM </div>				
<div data-bbox="151 951 277 984">/ /</div> <div data-bbox="151 1039 319 1104"> <input type="checkbox"/> AM  <input type="checkbox"/> PM </div>				
<div data-bbox="151 1169 277 1201">/ /</div> <div data-bbox="151 1256 319 1321"> <input type="checkbox"/> AM  <input type="checkbox"/> PM </div>				
<div data-bbox="151 1386 277 1419">/ /</div> <div data-bbox="151 1474 319 1539"> <input type="checkbox"/> AM  <input type="checkbox"/> PM </div>				



## 2000-2001

SIDE B

FORM 5 (Continued)-ANNUAL COMPREHENSIVE SITE COMPLIANCE EVALUATION  
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY BMP STATUS

EVALUATION DATE: \_\_\_\_ / \_\_\_\_ / \_\_\_\_ INSPECTOR NAME: \_\_\_\_\_ TITLE: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY?	<input type="checkbox"/> YES <input type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY?	<input type="checkbox"/> YES <input type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY?	<input type="checkbox"/> YES <input type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY?	<input type="checkbox"/> YES <input type="checkbox"/> NO			
POTENTIAL POLLUTANT SOURCE/INDUSTRIAL ACTIVITY AREA (as identified in your SWPPP)	HAVE ANY BMPs NOT BEEN FULLY IMPLEMENTED?	<input type="checkbox"/> YES <input type="checkbox"/> NO	If yes, to either question, complete the next two columns of this form	Describe deficiencies in BMPs or BMP implementation	Describe additional/revised BMPs or corrective actions and their date(s) of implementation
	ARE ADDITIONAL/REVISED BMPs NECESSARY?	<input type="checkbox"/> YES <input type="checkbox"/> NO			

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SIDE B

FORM 1-SAMPLING & ANALYSIS RESULTS

SECOND STORM EVENT

- If analytical results are less than the detection limit (or non detectable), show the value as less than the numerical value of the detection limit (example: <.05)
- If you did not analyze for a required parameter, do not report "0". Instead, leave the appropriate box blank
- When analysis is done using portable analysis (such as portable pH meters, SC meters, etc.), indicate "PA" in the appropriate test method used box.

NAME OF PERSON COLLECTING SAMPLE(S): \_\_\_\_\_ TITLE: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_

DESCRIBE DISCHARGE LOCATION Example: NW Out Fall	DATE/TIME OF SAMPLE COLLECTION	TIME DISCHARGE STARTED	ANALYTICAL RESULTS For Second Storm Event											
			BASIC PARAMETERS					OTHER PARAMETERS						
			pH	TSS	SC	O&G	TOC							
	/ / <input type="checkbox"/> AM <input type="checkbox"/> PM	: <input type="checkbox"/> AM <input type="checkbox"/> PM												
	/ / <input type="checkbox"/> AM <input type="checkbox"/> PM	: <input type="checkbox"/> AM <input type="checkbox"/> PM												
	/ / <input type="checkbox"/> AM <input type="checkbox"/> PM	: <input type="checkbox"/> AM <input type="checkbox"/> PM												
	/ / <input type="checkbox"/> AM <input type="checkbox"/> PM	: <input type="checkbox"/> AM <input type="checkbox"/> PM												
TEST REPORTING UNITS:			pH Units	mg/l	umho/cm	mg/l	mg/l							
TEST METHOD DETECTION LIMIT:														
TEST METHOD USED:														
ANALYZED BY (SELF/LAB):														

TSS - Total Suspended Solids

SC - Specific Conductance

O&G - Oil & Grease

TOC - Total Organic Carbon

## **Recyclers Against Stormwater Pollution FAX**

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TO: MEMBERS

June 5, 2001

FROM: Joe Massey

SUBJECT: UPDATE

Effective June 1, 2001 I officially took over as Group Leader. Dave Kendziorski, who has held that position for the past two years will remain as Group's Technical Advisor.

Dave requested this change due to his increased work schedule and his belief that with his instruction over the past years and my experience I am qualified as Group Leader.

I requested and Dave concurred that he stay available and assist me in preparing this year's Group Annual Report, Training Seminar, and reviewing the sampling data.

cc: Dave Kendziorski, Stormtech

## STORM WATER VISUAL OBSERVATION FORM

Facility: WPC 210 D NORTHERN CO  
 Location: 9319 RAYO AVE SOUTH BAY, CA 90280  
 Inspector: W. LAMBERT Date: 11-15-99 Time: 10:00 a.m.        p.m.

Wet Season Month:

(check one)

☒ October☐ February☒ November☐ March☐ December☐ April☐ January☐ May

Outfall Number	Observed Conditions (check)						Describe	Source	Action Taken
	Floating Material	Suspended Material	Turbidity	Color	Odor	Oil/Grease			
1							<i>all outfalls clear</i>		
2									
3									

Comments:

Fill Out If No Event Observed	Qualifying Event: <input checked="" type="checkbox"/> Did not occur	<input type="checkbox"/> Was not observed
	Explain: <u>NOT ENOUGH FLOW FOR RUNOFF</u>	

## STORM WATER VISUAL OBSERVATION FORM

Facility: MACLEOD METALS CO.  
 Location: 9309 RAYO AVE., SOUTH GATE, CA 90280  
 Inspector: W. LAMBERT Date: 1-23-00 Time: 11:00 a.m.        p.m.

Wet Season Month:  
 (check one)

☐ October

☐ February

☐ November

☐ March

☐ December

☐ April

☒ January

☐ May

Outfall Number	Observed Conditions (check)						Describe	Source	Action Taken
	Floating Material	Suspended Material	Turbidity	Color	Odor	Oil/Grease			
1							ALL OUTFALLS CLEAN		
2									
3									

Comments:

Fill Out If No Event Observed	Qualifying Event: <input checked="" type="checkbox"/> Did not occur	<input type="checkbox"/> Was not observed
	Explain: _____ _____	

## STORM WATER VISUAL OBSERVATION FORM

Facility: MALTED METALS CO  
 Location: 9309 RAY AVE. SOUTH GATE, CA 90230  
 Inspector: W. LAMBERT Date: 03-08-00 Time: 8:00 a.m.        p.m.

Wet Season Month:

(check one)

☐ October☐ February☐ November☒ March☐ December☐ April☐ January☐ May

Outfall Number	Observed Conditions (check)						Describe	Source	Action Taken
	Floating Material	Suspended Material	Turbidity	Color	Odor	Oil/Grease			
1	NO	NO	NO	CLEAR	NO	SLIGHT FILM		CAR TRAFFIC	
2	YES	NO	NO	CLEAR	NO	SLIGHT FILM	PLASTIC PARTICLES	STUCK PLASTIC	
3	NO	NO	YES	CLOUDY	NO	NO	DIRT AREA WATER FROM RAILROAD		

Comments:

~~STUCK PLASTIC~~

Fill Out If No Event Observed	Qualifying Event: <input type="checkbox"/> Did not occur <input type="checkbox"/> Was not observed
	Explain: _____ _____

# STORM WATER VISUAL OBSERVATION FORM

Facility: MACLEOD METALS CO  
 Location: 9309 RAY AVE., SOUTH GATE, CA 90280  
 Inspector: W. Lamont Date: 05-20-00 Time: 3:00 a.m. 3:00 p.m.

Wet Season Month: (check one) ☐ October ☐ November ☐ December ☐ January  
☐ February ☐ March ☐ April ☒ May

Outfall Number	Observed Conditions (check)						Describe	Source	Action Taken
	Floating Material	Suspended Material	Turbidity	Color	Odor	Oil/Grease			
1									
2									
3									

Comments:

Fill Out If No Event Observed	Qualifying Event: <input checked="" type="checkbox"/> Did not occur <input type="checkbox"/> Was not observed
	Explain: _____

STORM WATER VISUAL OBSERVATION FORM

7.17 99. 10.12-00

Facility: MACLEOD METALS CO  
 Location: 9309 RAY AVE., SOUTH GATE, CA 90280  
 Inspector: W. Lamant Date: 11-27-00 Time: 10:00 a.m.          p.m.

Wet Season Month: (check one) ☐ October ☒ November ☐ December ☐ January  
☐ February ☐ March ☐ April ☐ May

Outfall Number	Observed Conditions (check)						Describe	Source	Action Taken
	Floating Material	Suspended Material	Turbidity	Color	Odor	Oil/Grease			
1	ALL OUTFALLS CLEAN & DRY								
2									
3									

Comments:

Fill Out If No Event Observed	Qualifying Event: <input checked="" type="checkbox"/> Did not occur <input type="checkbox"/> Was not observed
	Explain: _____ _____



# FL M 2

## STORM WATER VISUAL OBSERVATION FORM

Facility: MAC-LEOD METALS CO

Location: 9309 RAY AVE., SOUTH GATE, CA 90280

Inspector: W. Lamont

Date: 1-27-00

Time: 11.30 a.m.

p.m.

Wet Season Month:

☐ October

☐ November

☐ December

☒ January

(check one)

☐ February

☐ March

☐ April

☐ May

Outfall Number	Observed Conditions (check)						Describe	Source	Action Taken
	Floating Material	Suspended Material	Turbidity	Color	Odor	Oil/Grease			
	ALL								

Comments:

Fill Out If No Event Observed	Qualifying Event: <input checked="" type="checkbox"/> Did not occur	<input type="checkbox"/> Was not observed
	Explain: _____	

# STORM WATER VISUAL OBSERVATION FORM

Facility: MAC LEOD METALS CO

Location: 9309 RAY AVE., SOUTH GATE, CA 90180

Inspector: W. Lamlaet Date: 3 - 14-00 Time: 8:30 a.m. p.m.

Wet Season Month:

(check one)

☐ October

☐ February

☐ November

☒ March

☐ December

☐ April

☐ January

☐ May

Outfall Number	Observed Conditions (check)						Describe	Source	Action Taken
	Floating Material	Suspended Material	Turbidity	Color	Odor	Oil/Grease			

Comments:

Fill Out If No Event Observed	Qualifying Event: <input checked="" type="checkbox"/> Did not occur	<input type="checkbox"/> Was not observed
	Explain: _____ _____	

# STORM WATER VISUAL OBSERVATION FORM

Facility: MAC LEOD METALS CO  
 Location: 9309 RAY AVE., SOUTH GATE, CA 90280  
 Inspector: W. Lamboot Date: 05-21-00 Time: 11:00 a.m.        p.m.

Wet Season Month: ☐ October ☐ November ☐ December ☐ January  
 (check one) ☐ February ☐ March ☐ April ☒ May

Outfall Number	Observed Conditions (check)						Describe	Source	Action Taken
	Floating Material	Suspended Material	Turbidity	Color	Odor	Oil/Grease			

Comments: ALL OUTFALLS CLEAN & DRY

Fill Out If No Event Observed	Qualifying Event: <input checked="" type="checkbox"/> Did not occur <input type="checkbox"/> Was not observed
	Explain: _____

# STORM WATER VISUAL OBSERVATION FORM

Facility: MAC-LEOD METALS CO

Location: 9304 RAY AVE., SOUTH GATE, CA 90280

Inspector: W. Lamont Date: 11-2-00 Time: 3:30 a.m. 3:30 p.m.

Wet Season Month:

(check one)

☐ October

☐ February

☒ November

☐ March

☐ December

☐ April

☐ January

☐ May

Outfall Number	Observed Conditions (check)						Describe	Source	Action Taken
	Floating Material	Suspended Material	Turbidity	Color	Odor	Oil/Grease			
	ALL OUT FALL CLEAN & dry								

Comments:

Fill Out If No Event Observed	Qualifying Event: <input checked="" type="checkbox"/> Did not occur	<input type="checkbox"/> Was not observed
	Explain: _____	

# STORM WATER VISUAL OBSERVATION FORM

Facility: MAC LEOD METALS CO  
 Location: 9309 RAY AVE., SOUTH GATE, CA 90280  
 Inspector: W. Lamant Date: 1-8-01 Time: ~~1:00~~ 2:00 a.m. p.m.

Wet Season Month: (check one)  
☐ October ☐ November ☐ December ☒ January  
☐ February ☐ March ☐ April ☐ May

Outfall Number	Observed Conditions (check)						Describe	Source	Action Taken
	Floating Material	Suspended Material	Turbidity	Color	Odor	Oil/Grease			
	ALL OUTFALLS CLEAN								

Comments: 1-8-01 SAMPLED ALL O/F

Fill Out If No Event Observed	Qualifying Event: <input type="checkbox"/> Did not occur <input type="checkbox"/> Was not observed
	Explain: _____

# STORM WATER VISUAL OBSERVATION FORM

Facility: MAC LEOD METALS CO  
 Location: 9309 RAY AVE., SOUTH GATE, CA 90180  
 Inspector: W. Lamlaot Date: 3-30-01 Time: 11:00 a.m.          p.m.

Wet Season Month: (check one) ☐ October ☐ November ☐ December ☐ January  
☐ February ☒ March ☐ April ☐ May

Outfall Number	Observed Conditions (check)						Describe	Source	Action Taken
	Floating Material	Suspended Material	Turbidity	Color	Odor	Oil/Grease			
	ALL OUTFALLS CLEAN + DRY								

Comments:

Fill Out If No Event Observed	Qualifying Event: <input checked="" type="checkbox"/> Did not occur <input type="checkbox"/> Was not observed
	Explain: _____ _____

# STORM WATER VISUAL OBSERVATION FORM

Facility: MAC LEOD METALS CO  
 Location: 9309 RAYB AVE., SOUTH GATE, CA 90280  
 Inspector: W. Lahlert Date: 5-16-01 Time: 2:00 a.m. p.m.

Wet Season Month: (check one) ☐ October ☐ November ☐ December ☐ January ☐ February ☐ March ☐ April ☒ May

Outfall Number	Observed Conditions (check)						Describe	Source	Action Taken
	Floating Material	Suspended Material	Turbidity	Color	Odor	Oil/Grease			
1	ALL OUTFALLS CLEAN + DRY								
2									
3									

Comments:

Fill Out If No Event Observed	Qualifying Event: <input checked="" type="checkbox"/> Did not occur <input type="checkbox"/> Was not observed
	Explain: _____

FILE  
12-8-99

# NON-STORM WATER VISUAL OBSERVATION FORM

Facility: NIALEOD METALS CO  
 Location: 9309 RAYO AVE., SOUTH GATE, CA 90280  
 Inspector Name: W. LAHIBERT Date: 12-7-99 Time: 10:00 a.m.        p.m.

Quarterly Monitoring Period (circle one): (1) July-September (2) October-December (3) January-March (4) April-June

Non-Storm Water Discharge Evidence Observed? ☐ No ☐ Yes - Fill in Below

Location	Describe Evidence of Non-Storm Water Discharge	Source	Authorized Discharge?		Action Taken To: Eliminate Discharge (if un-authorized) or Control Pollutants (if authorized)
			No	Yes	
LAWN AREA	PARKING AREA RUNOFF	LAWN SPRINKLERS		YES	PARKING AREA KEPT CLEAN

Comments:



## NON-STORM WATER VISUAL OBSERVATION FORM

Facility: MARLEO D METALS CO.  
 Location: 9309 RAYO AVE., SOUTH GATE, CA 90280  
 Inspector Name: W. LAMBERT Date: 05-03-00 Time: 8:00 a.m.        p.m.

Quarterly Monitoring Period (circle one): (1) July-September (2) October-December (3) January-March (4) April-June

Non-Storm Water Discharge Evidence Observed? ☒ No ☐ Yes - Fill in Below

Location	Describe Evidence of Non-Storm Water Discharge	Source	Authorized Discharge?		Action Taken To: Eliminate Discharge (if un-authorized) or Control Pollutants (if authorized)
			No	Yes	
	NONE				

Comments:

# Form 1

## NON-STORM WATER VISUAL OBSERVATION FORM

Facility: MACLEOD METALS CO.

Location: 9309 RAYO AVE. SOUTH GATE, CA 90280

Inspector Name: W. LAMBERT

Date: 12-28-00 Time: 2:00 p.m.

a.m. 2:00 p.m.

Quarterly Monitoring Period (circle one): (1) July-September (2) October-December (3) January-March (4) April-June

Non-Storm Water Discharge Evidence Observed? ☒ No ☐ Yes - Fill in Below

Location	Describe Evidence of Non-Storm Water Discharge	Source	Authorized Discharge?		Action Taken To: Eliminate Discharge (if un-authorized) or Control Pollutants (if authorized)
			No	Yes	
<u>o/f #1</u>	<u>NONE</u>				
<u>o/f #2</u>	<u>11</u>				
<u>o/f #3</u>	<u>11</u>				

Comments:

# NON-STORM WATER VISUAL OBSERVATION FORM

Facility: MAC LEOD METALS CO.  
 Location: 9309 KAYO AVE., SOUTH GATE, CA 90280  
 Inspector Name: W. Zanbert Date: 5/15/01 Time: 3:00 p.m.

Quarterly Monitoring Period (circle one): (1) July-September (2) October-December (3) January-March (4) April-June

Non-Storm Water Discharge Evidence Observed? ☒ No ☐ Yes - Fill in Below

Location	Describe Evidence of Non-Storm Water Discharge	Source	Authorized Discharge?		Action Taken To: Eliminate Discharge (if un-authorized) or Control Pollutants (if authorized)
			No	Yes	

Comments:

**Appendix G6:**  
**Hazardous Materials State Reporting Form**



LOS ANGELES COUNTY FIRE DEPARTMENT  
HEALTH HAZARDOUS MATERIALS DIVISION  
5825 Rickenbacker Road, Commerce, CA 90040

## HAZARDOUS MATERIALS STATE REPORTING FORMS

Attached are your Annual Hazardous Materials Reporting forms. These forms are to be completed and returned to this Department on or before December 31. Failure to complete and return these forms by December 31, may result in fines and penalties. If you require assistance in completing these forms, please feel free to contact the Los Angeles County Fire Department, Health Hazardous Materials Division, Data Operations Unit at (323) 890-4000, Monday through Friday 9:00 A.M. to 4:00 P.M.

*To avoid late penalties, this Department recommends use of CERTIFIED MAIL to ensure delivery of these forms before the December 31 deadline. Sign and date the Annual Certification Section below and keep a copy of the entire package for your records.*

### ANNUAL RE-CERTIFICATION PROCEDURE

Attached is this Department's latest computer print-out of your chemical inventory information. Carefully review and correct any information that may be incorrect or obsolete by crossing-out and writing in the changes. *If you handle Regulated Substances (RS) at or above threshold quantities, you must submit a Regulated Substance Registration for each RS for each process.* Check the appropriate box(es) below that (most) corresponds to your facility's information.

- ☐ **Delete:** If you no longer handle the chemical(s) listed on the chemical inventory computer print-out WRITE DELETE across the discontinued chemical inventory computer print-out(s).
- ☐ **Add:** If you are handling new chemical(s) not previously disclosed. MAKE COPIES OF CHEMICAL DESCRIPTION FORM AND COMPLETE all information on the form. If applicable, complete the Regulated Substance Registration form (one form per chemical).
- ☐ **Revise/Update:** If there are corrections to your inventory information, cross out the errors and CLEARLY PRINT the corrections directly onto the inventory computer print-out.
- ☒ **No Change:** Mark this Box if there are no changes to the current inventory.
- ☐ **Regulated Substance Registration:** If you are handling a Regulated Substance not previously disclosed, you must also COMPLETE the Regulated Substance Registration form. A list of Regulated Substances is attached for reference.

### ANNUAL CERTIFICATION

I certify under penalty of law that I have personally examined the information submitted herein and believe the submitted information is true, accurate, and complete. Enclosed is our chemical inventory.

WILLIAM LAMBERT  
Print Name of Document Preparer

WILLIAM LAMBERT  
Print Name of Owner/Operator

William A. Lambert  
Signature of Owner/Operator

9309 RAYO AVE., SOUTH GATE, 90280 12-15-01  
Facility/Site Address Date



UNIFIED PROGRAM (UP) FORM  
BUSINESS OWNER/OPERATOR IDENTIFICATION

☐ NEW BUSINESS ☐ OUT OF BUSINESS ☐ REVISE/UPDATE (EFFECTIVE / / )

PAGE OF

I. IDENTIFICATION

FACILITY ID#	019-499-001645	BEGINNING DATE	01-01-2001	ENDING DATE	12-31-2001
BUSINESS NAME (Same as FACILITY NAME or DBA - Doing Business As)			BUSINESS PHONE		
MACLEOD METALS CO.			323-567-7767		
BUSINESS SITE ADDRESS					
4309 RAYO AVENUE					
CITY	SOUTH GATE,	CA	ZIP CODE	90280	
DUN & BRADSTREET	7953-053-030700	SIC CODE (4 digit #)	3341		
COUNTY	LOS ANGELES	UNINCORPORATED	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
BUSINESS OPERATOR NAME		BUSINESS OPERATOR PHONE			
WILLIAM LAMBERT		323-567-7767			

II. BUSINESS OWNER

OWNER NAME	METAL MANAGEMENT, INC.	OWNER PHONE	312-645-0700		
OWNER MAILING ADDRESS					
500 NO. DEARBORN STREET					
CITY	CHICAGO	STATE	IL	ZIP CODE	60610

III. ENVIRONMENTAL CONTACT

CONTACT NAME	JIM NIETA	CONTACT PHONE	323-567-7767		
CONTACT MAILING ADDRESS					
9309 RAYO AVE.					
CITY	SOUTH GATE,	STATE	CA	ZIP CODE	90280

-PRIMARY-

IV. EMERGENCY CONTACTS

-SECONDARY-

NAME	TCM COHRS	NAME	WILLIAM LAMBERT
TITLE	PRESIDENT	TITLE	PLANT MANAGER
BUSINESS PHONE	323-567-7767	BUSINESS PHONE	323-567-7767
24-HOUR PHONE	773-257-2915	24-HOUR PHONE	626-331-4027
PAGER #		PAGER #	

V. ADDITIONAL LOCALLY COLLECTED INFORMATION

NUMBER OF EMPLOYEES	65	FEDERAL TAX IDENTIFICATION NUMBER	95-2588260
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MAILING/ BILLING INFORMATION

ADDRESS	9309 RAYO AVE.	CITY	SOUTH GATE	STATE	CA	ZIP CODE	90280
ATTN:	WILLIAM LAMBERT						

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE	NAME OF DOCUMENT PREPARER
William Lambert	12-01-	
NAME OF SIGNER (print)	TITLE OF SIGNER	
WILLIAM LAMBERT	PLANT MANAGER	

OFFICIAL USE ONLY	INSPECTOR	HW	HM	DISTRICT	INSPECTION DATE	DIV	EATT	STA
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# Unified Program (UP) Form **CONSOLIDATED CONTINGENCY PLAN** **SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN**

## **BUSINESS IDENTIFICATION**

BUSINESS NAME	MACLEOD METALS CO.		3	FACILITY ID # 1
SITE ADDRESS	9309 RAY,	103	CITY	104
			SOUTH GATE	105
				ZIP CODE 105
				90220

## **EMERGENCY CONTACTS**

NAME	123	NAME	128
TOM COHRS		WILLIAM LAMBERT	
TITLE	124	TITLE	129
PRESIDENT		PLANT MANAGER	
BUSINESS PHONE	125	BUSINESS PHONE	130
323-567-7767		323-567-7767	
24-HOUR PHONE	126	24-HOUR PHONE	131
		626-331-4027	
PAGER #	127	PAGER #	132

## **EMERGENCY RESPONSE PLANS AND PROCEDURES**

**1. Notification:**  
 Your business is required by State Law to provide an immediate verbal report of any release or threatened release of a hazardous material to local fire emergency response personnel, this Unified Program Agency (UPA or P/A), and the Office of Emergency Services. If you have a release or threatened release of hazardous materials, immediately call:  
 FIRE/PALEMP/POCS/POLICE/SHERIFF  
 PHONE: 911

**AFTER** the local emergency response personnel are notified, you shall then notify this Unified Program Agency and the Office of Emergency Services.  
 Local Unified Program Agency: (310) 890-4045  
 State Office of Emergency Services: (800) 633-7550 or (916) 262-1621  
 National Response Center: (310) 424-2802

**Information to be provided during Notification:**

- ❖ Your Name and the Telephone Number from where you are calling.
- ❖ Exact address of the release or threatened release.
- ❖ Date, time, cause, and type of incident (e.g. fire, air release, spill etc.)
- ❖ Material and quantity of the release, to the extent known.
- ❖ Current condition of the facility.
- ❖ Extent of injuries, if any.
- ❖ Possible hazards to public health and/ or the environment outside of the facility.

**2. Emergency Medical Facility:**  
 List the name and/or medical facility that will be used by your business in the event of an accident or injury resulting from a release or threatened release of hazardous material.

HOSPITAL/CLINIC:	PHONE NO:
TWEEDY MEDICAL GROUP	- 323-566-4111
ADDRESS:	
4075 TWEEDY BLVD	
CITY:	ZIP CODE:
SOUTH GATE, CA 90280	90280

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## Unified Program (UP) Form CONSOLIDATED CONTINGENCY PLAN

### SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

#### EMPLOYEE TRAINING

All facilities which handle hazardous materials must have a written employee training plan. The items listed below are required per Health and Safety Code Section 25504 (c) and Title 19 Section 2732.

Facility personnel are trained as follows:

- ❖ Familiarity with all plans and procedures specified in the Contingency Plan.
- ❖ Methods for Safe Handling of Hazardous Materials.
- ❖ Safety procedures in the event of a release or threatened release of a hazardous material.
- ❖ Use of Emergency Response equipment and supplies under the control of the business.
- ❖ Procedures for Coordination with local Emergency Response Organizations.

Training shall be provided:

- ❖ Initially for all new employees.
- ❖ Annually, including refresher courses, for all employees.

*Note: These training programs may take into consideration the position of each employee.*

Additional training should include:

- ❖ Internal alarm/notification procedures.
- ❖ Evacuation/re-entry procedures and assembly point locations.
- ❖ Material Safety Data Sheet (MSDS) training including specific hazard(s) of each chemical to which employees may be exposed, including routes of exposure (i.e. inhalation, ingestion, absorption).

#### VI. HAZARDOUS WASTE GENERATOR TRAINING

If your business is a hazardous waste generator, you are required to provide training in hazardous waste management for all workers who handle hazardous waste at your site (22 CCR §66265.16). You are also required to document training. The items below are required.

#### EMPLOYEE TRAINING

- ❖ Facility personnel will successfully complete training within six months after the date of their employment or assignment to a facility or to a new position at a facility.
- ❖ Employees will not handle hazardous wastes without supervision until trained.

#### TRAINING DOCUMENTATION

The owner or operator must maintain the following documents and records at the facility:

- ❖ Job title for each position at the facility that is related to hazardous waste management, and the names of the employee(s) filling the position(s).
- ❖ Description for each position listed above (must include required skill, education, or other qualifications as well as duties of employees assigned to the position).
- ❖ Description of *type* and *amount* of both introductory and continuing training given to each employee.
- ❖ Records that document that the requirements for training or job experience have been met.
- ❖ Current employees' training records (to be retained until closure of the facility).
- ❖ Former employees' training records (to be retained at least three years after termination of employment).





No NEW CHEMICALS

# UNIFIED PROGRAM (UP) FORM HAZARDOUS MATERIALS INVENTORY-CHEMICAL DESCRIPTION (FORM 2731)

(One page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE REPORTING YEAR 200 Page of

## I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA -- Doing Business As) 3

CHEMICAL LOCATION 201

CHEMICAL LOCATION CONFIDENTIAL (EPCRA) ☐ YES ☐ NO 202

FACILITY ID #

MAP# (optional) 203

GRID# (optional) 204

## II. CHEMICAL INFORMATION

CHEMICAL NAME 205

TRADE SECRET ☐ Yes ☐ No 206

If Subject to EPCRA, refer to instructions

COMMON NAME 207

EHS\* ☐ Yes ☐ No 208

CAS# 209

\*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only)

☐ a. PURE

☐ b. MIXTURE

☐ c. WASTE 211

RADIOACTIVE ☐ Yes ☐ No 212

CURIES 213

PHYSICAL STATE (Check one item only)

☐ a. SOLID

☐ b. LIQUID

☐ c. GAS 214

LARGEST CONTAINER 215

FED HAZARD CATEGORIES (Check all that apply)

☐ a. FIRE

☐ b. REACTIVE

☐ c. PRESSURE RELEASE

☐ d. ACUTE HEALTH

☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 217

MAXIMUM DAILY AMOUNT 218

ANNUAL WASTE AMOUNT 219

STATE WASTE CODE 220

UNITS\* (Check one item only)

☐ a. GALLONS

☐ b. CUBIC FEET

☐ c. POUNDS

☐ d. TONS 221

DAYS ON SITE: 222

\* If EHS amount must be in pounds.

STORAGE CONTAINER CODE-CHECK THE APPROPRIATE BOX BELOW

☐ a. ABOVEGROUND TANK

☐ e. PLASTIC/NONMETALLIC DRUM

☐ i. FIBER DRUM

☐ m. GLASS BOTTLE

☐ q. RAIL CAR

☐ b. UNDERGROUND TANK

☐ f. CAN

☐ j. BAG

☐ n. PLASTIC BOTTLE

☐ r. OTHER

☐ c. TANK INSIDE BUILDING

☐ g. CARBOY

☐ k. BOX

☐ o. TOTE BIN

☐ d. STEEL DRUM

☐ h. SILO

☐ l. CYLINDER

☐ p. TANK WAGON 223

STORAGE PRESSURE

☐ a. AMBIENT

☐ b. ABOVE AMBIENT

☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE

☐ a. AMBIENT

☐ b. ABOVE AMBIENT

☐ c. BELOW AMBIENT

☐ d. CRYOGENIC 225

%WT

HAZARDOUS COMPONENT (For mixture or waste only)

EHS

CAS #

1 226

227

☐ Yes ☐ No 228

229

2 230

231

☐ Yes ☐ No 232

233

3 234

235

☐ Yes ☐ No 236

237

4 238

239

☐ Yes ☐ No 240

241

5 242

243

☐ Yes ☐ No 244

245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

(Facilities reporting Chemicals subject to EPCRA reporting thresholds must sign each Chemical Description page for each EPCRA reported chemical.)

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Unified Program (UP) Form  
CONSOLIDATED CONTINGENCY PLAN

SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN

IV. Emergency Equipment

22 CCR, Section 66265.52(e) [as referenced by Section 66262.34(a)(3)] requires that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

EMERGENCY EQUIPMENT INVENTORY TABLE

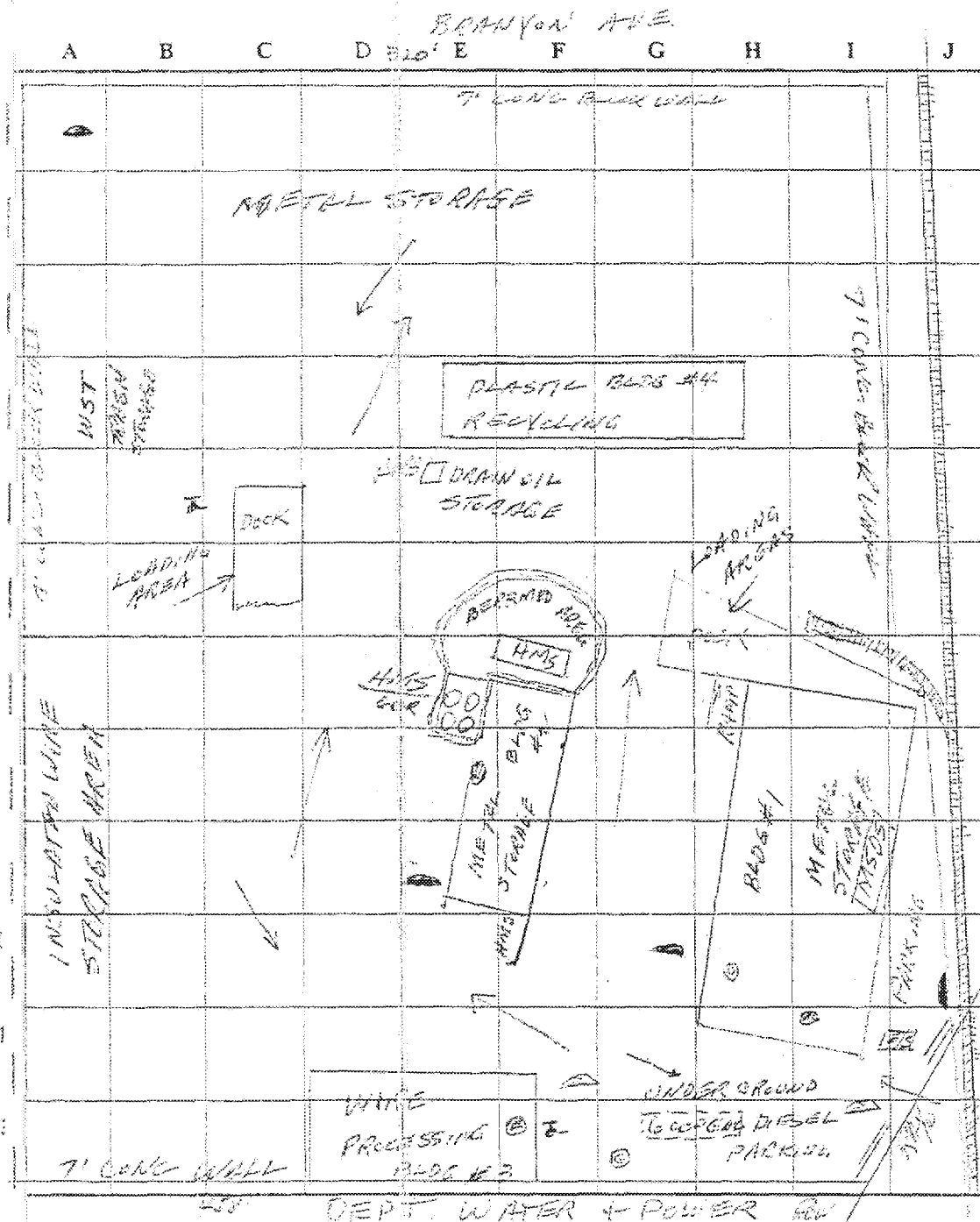
1. Equipment Category	2. Equipment Type	3. Location *	4. Description **
Personal Protective, Equipment, Safety Equipment, And First Aid Equipment	<input type="checkbox"/> Cartridge Respirators		
	<input type="checkbox"/> Chemical Monitoring Equipment (describe)		
	<input type="checkbox"/> Chemical Protective Aprons/Coats		
	<input checked="" type="checkbox"/> Chemical Protective Boots	F-7	RUBBER BOOTS
	<input checked="" type="checkbox"/> Chemical Protective Gloves	F-7	" GLOVES
	<input type="checkbox"/> Chemical Protective Suits (describe)		
	<input checked="" type="checkbox"/> Face Shields	F-7	
	<input checked="" type="checkbox"/> First Aid Kits/Stations (describe)	H-10	
	<input checked="" type="checkbox"/> Hard Hats	H-10	
	<input checked="" type="checkbox"/> Plumbed Eye Wash Stations	F-6	
	<input type="checkbox"/> Portable Eye Wash Kits (i.e. bottle type)		
	<input type="checkbox"/> Respirator Cartridges (describe)		
	<input type="checkbox"/> Safety Glasses/Splash Goggles		
	<input checked="" type="checkbox"/> Safety Showers	F-6	
Fire Extinguishing Systems	<input type="checkbox"/> Self-Contained Breathing Apparatuses (SCBA)		
	<input type="checkbox"/> Other (describe)		
	<input type="checkbox"/> Automatic Fire Sprinkler Systems		
	<input type="checkbox"/> Fire Alarm Boxes/Stations		
Spill Control Equipment and Decontamination Equipment	<input checked="" type="checkbox"/> Fire Extinguisher Systems (describe)	HAND F-8	HAND FIRE EXTINGUISHERS
	<input type="checkbox"/> Other (describe)		
	<input checked="" type="checkbox"/> Absorbents (describe)	F-12	OIL OR WATER ABSORBENT
	<input checked="" type="checkbox"/> Berms/Dikes (describe)	EFG-6	
	<input type="checkbox"/> Decontamination Equipment (describe)		
	<input type="checkbox"/> Emergency Tanks (describe)		
	<input type="checkbox"/> Exhaust Hoods		
	<input type="checkbox"/> Gas Cylinders Leak Repair Kits (describe)		
	<input type="checkbox"/> Neutralizers (describe)		
	<input type="checkbox"/> Overpack Drums		
Communications And Alarm Systems	<input type="checkbox"/> Sumps (describe)		
	<input type="checkbox"/> Other (describe)		
	<input type="checkbox"/> Chemical Alarms (describe)		
	<input checked="" type="checkbox"/> Intercoms/ PA Systems	G-9	
	<input type="checkbox"/> Portable Radios		
	<input checked="" type="checkbox"/> Telephones	G-9	
Additional Equipment (Use Additional Pages if Needed.)	<input checked="" type="checkbox"/> Underground Tank Leak Detection Monitors	G-12	TO MONITOR 6000 GALLON TANK
	<input type="checkbox"/> Other (describe)		

\* Use the Location Codes (LC) from the Site Map(s) prepared for your Contingency Plan.

\*\* Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, numbered appropriately, if needed.

# SITE MAP

BUSINESS NAME <i>MARLEO D METALS Co</i>		3	
SITE ADDRESS <i>9309 RAYO AVE.</i>		105	CITY <i>SOUTH GATE CA</i>
		104	ZIP CODE <i>90280</i>
DATE MAP DRAWN <i>12-15-01</i>	MAP #	FACILITY ID # <i>019-999-001845</i>	



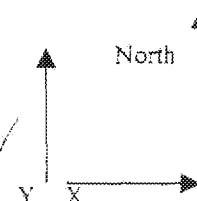
## For Site Map

- Scale of Map
- Loading Areas
- Parking Lots
- Internal Roads
- Storm and Sewer Drains
- Adjacent Property Use
- Locations and Names of Adjacent Streets and Alleys
- Access and Egress Points and Roads
- Primary and Alternate Evacuation Routes

## For Sub-Site Map

- Scale of Map
- Location of Each Storage Area
- Location of Each Hazardous Material Handling Area
- Location of Emergency Response Equipment

Scale:  
1" = 75' Ft.



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**Unified Program (UP) Form  
CONSOLIDATED CONTINGENCY PLAN**

**SECTION I: BUSINESS PLAN AND CONTINGENCY PLAN**

*Emergency Equipment*

22 CCR, Section 66265.52(e) [as referenced by Section 66262.34(a)(3)] requires that emergency equipment at the facility be listed. Completion of the following Emergency Equipment Inventory Table meets this requirement.

**EMERGENCY EQUIPMENT INVENTORY TABLE**

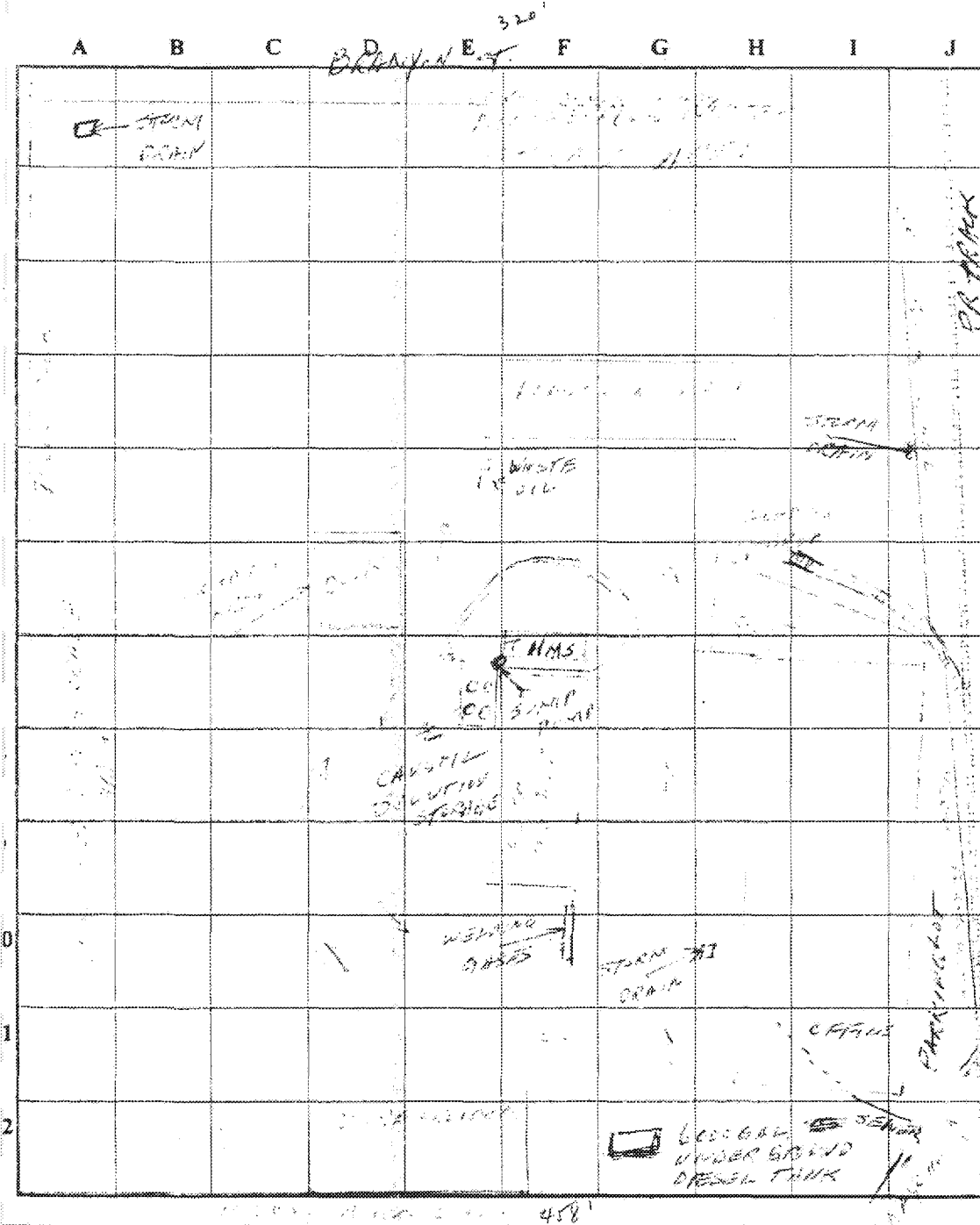
1. Equipment Category	2. Equipment Type	3. Location	4. Description
Personal Protective, Equipment, Safety Equipment, And First Aid Equipment	<input type="checkbox"/> Cartridge Respirators		
	<input type="checkbox"/> Chemical Monitoring Equipment (describe)		
	<input checked="" type="checkbox"/> Chemical Protective Aprons/Coats		✓ PROTECT EMPLOYEES/SPILLS
	<input checked="" type="checkbox"/> Chemical Protective Boots		✓ " " "
	<input checked="" type="checkbox"/> Chemical Protective Gloves		✓ " " "
	<input checked="" type="checkbox"/> Chemical Protective Suits (describe)		✓ " " "
	<input checked="" type="checkbox"/> Face Shields		✓ " " "
	<input checked="" type="checkbox"/> First Aid Kits/Stations (describe)		
	<input type="checkbox"/> Hard Hats		
	<input checked="" type="checkbox"/> Plumbed Eye Wash Stations		
	<input type="checkbox"/> Portable Eye Wash Kits (i.e. bottle type)		
	<input type="checkbox"/> Respirator Cartridges (describe)		
	<input checked="" type="checkbox"/> Safety Glasses/Splash Goggles		
	<input checked="" type="checkbox"/> Safety Showers		
	<input type="checkbox"/> Self-Contained Breathing Apparatuses (SCBA)		
	<input type="checkbox"/> Other (describe)		
Fire Extinguishing Systems	<input type="checkbox"/> Automatic Fire Sprinkler Systems		
	<input type="checkbox"/> Fire Alarm Boxes/Stations		
	<input type="checkbox"/> Fire Extinguisher Systems (describe)		
	<input type="checkbox"/> Other (describe)		
Spill Control Equipment and Decontamination Equipment	<input checked="" type="checkbox"/> Absorbents (describe)		
	<input checked="" type="checkbox"/> Berms/Dikes (describe)		AREA BERNED
	<input type="checkbox"/> Decontamination Equipment (describe)		
	<input type="checkbox"/> Emergency Tanks (describe)		
	<input type="checkbox"/> Exhaust Hoods		
	<input type="checkbox"/> Gas Cylinders Leak Repair Kits (describe)		
	<input type="checkbox"/> Neutralizers (describe)		
	<input type="checkbox"/> Overpack Drums		
	<input checked="" type="checkbox"/> Sumps (describe)		20 N.P. CENT. PUMP
	<input type="checkbox"/> Other (describe)		
Communications And Alarm Systems	<input type="checkbox"/> Chemical Alarms (describe)		
	<input type="checkbox"/> Intercoms/ PA Systems		
	<input type="checkbox"/> Portable Radios		
	<input checked="" type="checkbox"/> Telephones		
	<input checked="" type="checkbox"/> Underground Tank Leak Detection Monitors		6000 GAL DIESEL TANK
	<input type="checkbox"/> Other (describe)		
Additional Equipment (Use Additional Pages if Needed.)			

\* Use the Location Codes (LC) from the Site Map(s) prepared for your Contingency Plan.

\*\* Describe the equipment and its capabilities. If applicable, specify any testing/maintenance procedures/intervals. Attach additional pages, numbered appropriately, if needed.

# SITE MAP MACLEOD METALS CO

BUSINESS NAME <b>MACLEOD METALS CO</b>		3	
SITE ADDRESS <b>9309 RAYE AVE.</b>		CITY <b>SOUTH GATE</b>	ZIP CODE <b>90280</b>
DATE MAP DRAWN <b>12-15-01</b>	MAP #	FACILITY ID # <b>019-999-001845</b>	



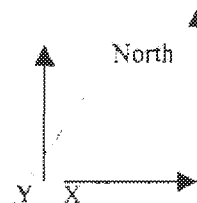
## For Site Map

- Scale of Map
- Loading Areas
- Parking Lots
- Internal Roads
- Storm and Sewer Drains
- Adjacent Property Use
- Locations and Names of Adjacent Streets and Alleys
- Access and Egress Points and Roads
- Primary and Alternate Evacuation Routes

## For Sub-Site Map

- Scale of Map
- Location of Each Storage Area
- Location of Each Hazardous Material Handling Area
- Location of Emergency Response Equipment

Scale:  
1" = 35' Ft.



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# PERMIT to OPERATE

M 37280

9150 FLAIR DRIVE, EL MONTE, CALIFORNIA 91731

Under this permit must be conducted in compliance with all information included with the initial application and the initial permit conditions. The equipment must be properly maintained and kept in good operating condition at all times. In accordance with Rule 2C of the Air Quality Management District, this permit to operate or copy must be posted on or within 8 meters of equipment.

MAC LEOD METALS CO.  
9309 RAYO AVENUE  
SOUTH GATE, CALIFORNIA 90280

APPL. NO. C-29112  
PREVIOUS PERMIT NOS.  
P-57431, P-57432, P-54291

**DESCRIPTION AND CONDITIONS:**

RAP METAL SHREDDING AND DETINNING SYSTEM CONSISTING OF:  
SHREDDER, AMERICAN PULVERIZING, TYPE R. HOG, SERIAL NO. 6345, MACHINE NO. 6000, 250 H.P.,  
WITH 3 H.P. CHARGE CONVEYOR AND A 3 H.P. DISCHARGE CONVEYOR.  
SURGE-P.I.F.  
CONVEYOR, 2 H.P., SURGE TO DETINNING TANKS.  
THREE DETINNING TANKS, EACH 10'-0" W. X 20'-0" L. X 10'-0" H., EACH 15,000 GALLONS CAPACITY,  
AND EACH WITH A 3 H.P. BASKET DRIVE.

PAGE 1 OF 2 PAGES

Permit must be renewed by 05/16/85 unless the equipment is moved, or changes ownership. If billing for annual renewal fee is not received by expiration date, contact office above.

This permit does not authorize the emission of air contaminants in excess of those allowed by the Air Quality Management District. This permit cannot be considered as permission to violate existing ordinances, regulations or statutes of other government agencies.

EXECUTIVE OFFICER

BY

VIRGINIA MOY

DATE

04/24/84

XXXXXXXXXX

VOID UNLESS VALIDATED

76P235M-REV. 2-8

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

NO. OF PERMIT NO. M 37280  
DISPLAYED WITH PERMIT)

APPL. NO. C-29112

1. TWO SETTLING (PUMPOUT) TANKS, EACH 12'-0" DIA. X 16'-0" H., CAPACITY 13,500 GALLONS.
2. TWO ELECTROLYTIC CELL FEED TANKS, EACH 10'-0" DIA. X 15'-0" H., CAPACITY 8,800 GALLONS.
3. TWENTY ELECTROLYTIC CELLS, EACH 4'-0" W. X 4'-0" L. X 5'-0" H., 80 KVA TOTAL.
4. TIN MELTING CHAMBER, 3'-5" W. X 2'-6" L. X 5'-0" H., MAXIMUM 50,000 BTU PER HOUR GAS-FIRED WITH A 1/20 H.P. COMBUSTION BLOWER.
5. TIN MELT COLLECTION POT, 3'-0" DIA. X 2'-0" H., WITH A 1 1/2 H.P. AGITATOR.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

M 57387

CONTINUATION OF PERMIT NO. \_\_\_\_\_  
(MUST BE DISPLAYED WITH PERMIT)

APPL NO 148783

-CONDITIONS-

1. THIS EQUIPMENT MUST NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
2. THE TOTAL QUANTITY OF WIRE CHARGED TO THE WIRE RECLAMATION SYSTEM MUST NOT EXCEED 224,000 POUNDS IN ANY ONE DAY.
3. A DAILY LOG GIVING THE TOTAL WEIGHT OF WIRE PROCESSED BY THIS EQUIPMENT MUST BE MAINTAINED FOR AT LEAST TWO YEARS, AND MADE AVAILABLE UPON REQUEST OF A.D.M.D. PERSONNEL.



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

Permit No.  
D79776  
A/N 279033  
Page 1

## PERMIT TO OPERATE

This permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301C) is not received by the expiration date, contact the District.

Legal Owner  
or Operator:

FIRMA PLASTICS INC  
9309 RAYO AVE  
SOUTH GATE, CA 90280

ID 095676

Equipment Location: 9309 RAYO AVE, SOUTH GATE, CA 90280

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF :

1. BAGHOUSE, CARBORUNDUM, STYLE #4, PULSE TYPE, WITH 360 FILTER BAGS, 182'-6" H. X 12'-0" DIA., A TOTAL AREA OF 4,000 SQUARE FEET.
2. EXHAUST SYSTEM WITH A 100 H.P. BLOWER, VENTING TWO CYCLONES, A SURGE BIN AND A GRANULATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
3. A MECHANICAL GAUGE SHALL BE MAINTAINED SO AS TO INDICATE, IN INCHES OF WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
4. THE DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.

FILE COPY





SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

Permit No.  
D79777  
A/N 279034

Page 1

## PERMIT TO OPERATE

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301.1) is not received by the expiration date, contact the District.

Legal Owner  
or Operator:

FIRMA PLASTICS INC  
9309 RAYO AVE  
SOUTH GATE, CA 90280

ID 095676

Equipment Location: 9309 RAYO AVE, SOUTH GATE, CA 90280

### Equipment Description:

#### COPPER WIRE RECLAMATION SYSTEM CONSISTING OF:

1. GRANULATOR, CHAMBERLAND, MODEL #43, 200 H.P. VIBRATING CONVEYOR.
2. MAGNETIC SEPARATOR, 1 H.P.
3. SIZE CLASSIFIER, SWEECO, 3 H.P.
4. AIR CONVEYANCE SYSTEM, MIDDLING RECYCLE LINE, WITH A 25 H.P. BLOWER, AND A 2'-2" DIA. X 4'-11" H. CYCLONE SEPARATOR.
5. AIR CONVEYANCE SYSTEM, MAIN FEED LINE, WITH A 40 H.P. BLOWER AND A 2'-6" DIA. X 5'-7" H. CYCLONE SEPARATOR.
6. SURGE HOPPER, (CUSTOM MADE), 3'-0" L. X 3'-0" W. X 3'-0" H.
7. FLUIDIZED BED AIR/GRAVITY SEPARATOR, SUTAN STEEL, MODEL # BX260, 6'-4 5/8" W. X 4'-2 1/2" L., 10 H.P. MOTOR, WITH TWO DISCHARGING BELT CONVEYORS, 0.5 H.P. EACH.

### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.

FILE COPY

**PERMIT to CONSTRUCT/OPERATE**

9150 FLAIR DRIVE, EL MONTE, CALIFORNIA 91731

PERMIT NO.  
M94414  
A/N 223435  
PAGE 1

HIS INITIAL PERMIT MUST BE RENEWED BY 5/16 ANNUALLY UNLESS THE EQUIPMENT IS MOVED, OR CHANGES OWNERSHIP. IF THE BILLING FOR ANNUAL RENEWAL FEE (RULE 101.F) IS NOT RECEIVED BY THE EXPIRATION DATE, CONTACT THE DISTRICT.

LEGAL OWNER  
OR OPERATOR: MACLEOD METALS CO

CO. ID.: 019816

SECTOR: LC

EQUIPMENT  
LOCATED AT: 9309 RAYO AV.  
SOUTH GATE, CA 902800000

EQUIPMENT DESCRIPTION:  
FUEL STORAGE AND DISPENSING FACILITY CONSISTING OF:

1. ONE UNDERGROUND DIESEL STORAGE TANK(S),  
(EACH) 6,000 GALLON CAPACITY, METHANOL COMPATIBLE
2. ONE DIESEL DISPENSING NOZZLES.

**PERMIT CONDITIONS:**

1. OPERATION OF THIS EQUIPMENT MUST BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
3. AT LEAST ONE FUEL STORAGE TANK AT THIS FACILITY MUST BE METHANOL COMPATIBLE AND MUST BE U.L. APPROVED FOR METHANOL USE.
4. ANY SEALS, FITTINGS, AND PIPING WHICH WILL CONTACT, CONTAIN OR TRANSFER METHANOL IN UNDERGROUND PIPING TO AND FROM THE METHANOL COMPATIBLE STORAGE TANK MUST BE METHANOL COMPATIBLE.
5. ANY SEALS AND FITTINGS WHICH ARE INSTALLED IN ABOVE-GROUND PIPING IN DISPENSERS OR IN OTHER EQUIPMENT WHICH CAN BE EASILY CHANGED NEED NOT BE METHANOL COMPATIBLE BUT MUST BE CHANGED TO METHANOL COMPATIBLE MATERIALS BEFORE METHANOL IS STORED AND DISPENSED.
6. RECORDS MUST BE MAINTAINED AT THIS FACILITY WHICH CLEARLY MARK AND LOCATE THE POSITION OF THE METHANOL COMPATIBLE STORAGE TANK AND ITS PIPING, AND WHICH ALSO STATE THE TANK MANUFACTURER AND THE DATE OF INSTALLATION.
7. (EXCEPT FOR DIESEL TRANSFERS) PHASE I AND PHASE II VAPOR RECOVERY SYSTEMS MUST BE IN FULL OPERATION WHENEVER THIS FACILITY IS IN USE. SUCH SYSTEMS MUST BE INSTALLED, OPERATED AND MAINTAINED TO MEET ALL CARB CERTIFICATION REQUIREMENTS.

THIS PERMIT CONCLUDES ON THE NEXT PAGE.

FILE COPY



## PERMIT TO OPERATE

9150 FLAIR DRIVE, EL MONTE, CALIFORNIA 91731

Permit No.  
**D21189**  
A/N 169879  
Page 1

This initial permit must be renewed by 03/16 ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301J) is not received by the expiration date, contact the District.

Legal Owner  
Or Operator:

FIRMA CORPORATION  
9309 RAYO AVENUE  
SOUTH GATE, CALIFORNIA 90280  
ATTN: JAMES MEJIA

ID 54657

Equipment  
located at: SAME AS ABOVE

## Equipment Description:

## AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. WET CYCLONE SEPARATOR, 10' - 0" DIA. X 16' - 0" H., WITH A WATER AND SURFACTANT TANK, 1-1/2 H.P., A 10 H.P. WATER PUMP, A 3 H.P. WATER SEPARATION TABLE, WITH TWO 10 H.P. PUMPS, AND A 3/4 H.P. HYDRO SIEVE.
2. VIBRATING CONVEYOR, SANITARY LINE, 40 H.P.
3. BAGHOUSE #2, ICA-REES, WITH 1,278 FILTER BAGS, 0' - 6" DIA. X 10' - 0" L., A 3 H.P. ROTARY VALVE AND TWO SHAKERS, 1 H.P. EACH.
4. EXHAUST SYSTEM WITH A 200 H.P. BLOWER (COMMON WITH BAGHOUSE #1) VENTING TWO GRANULATORS, ONE MAGNETIC SEPARATOR, AND ONE AIR SEPARATION TABLE.
5. BAGHOUSE #1, ICA-REES, WITH 1,278 FILTER BAGS, 0' - 6" DIA. X 10' - 0" L., WITH SIX SHAKERS, 1 H.P. EACH.
6. EXHAUST SYSTEM WITH A 200 H.P. BLOWER (COMMON WITH BAGHOUSE #2) VENTING FOUR SURGE BINS, ONE VIBRATING SCREEN, TWO AIR SEPARATION TABLES, SIX PROCESS CYCLONES.

## Conditions:

1. OPERATION OF THIS EQUIPMENT MUST BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
3. A MECHANICAL GAUGE MUST BE MAINTAINED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.

FILE COPY

## PERMIT TO OPERATE

5150 FLAIR DRIVE, EL MONTE, CALIFORNIA 91731

Permit No.  
D21190  
A/N 173032  
Page 1

This initial permit must be renewed by 03/16 ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301.0) is not received by the expiration date, contact the District.

Legal Owner  
Or Operator:

FIRMA CORPORATION  
9309 RAYO AVENUE  
SOUTH GATE, CALIFORNIA 90280  
ATTN: JAMES MEJIA

ID 54657

Equipment  
located at: SAME AS ABOVE

## Equipment Description:

## COPPER WIRE RECLAMATION SYSTEM CONSISTING OF:

1. GRANULATOR, PRIMARY, MITCH-LIBOW, 500 H.P., WITH A 3 H.P. HYDRAULIC BELT CONVEYOR AND A 3 H.P. VIBRATING CONVEYOR.
2. MAGNETIC SEPARATOR, 1 H.P., WITH A 3 H.P. HYDRAULIC BELT CONVEYOR AND A 1 H.P. METALLIC SEPARATOR.
3. GRANULATOR, SECONDARY, MITCH-LIBOW, 500 H.P., WITH A 1 H.P. HYDRAULIC BELT CONVEYOR.
4. AIR CONVEYANCE SYSTEM, 75 H.P., WITH A 10' - 0" DIA. X 16' - 0" H., CYCLONE SEPARATOR.
5. AIR CONVEYANCE SYSTEM, RECYCLE LINE, 30 H.P., WITH A 4' - 0" DIA. X 9' - 5" H., CYCLONE SEPARATOR.
6. SURGE BIN, SYNTRON, 40,000 POUNDS CAPACITY, 8' - 0" DIA. X 9' - 6" H.
7. VIBRATING SCREEN, TRIPLE S DYNAMICS, 4' - 0" DIA. X 4' - 0" H., 3 H.P.
8. AIR CONVEYANCE SYSTEM, OVERFLOW LINE, WITH A 40 H.P. BLOWER AND A 4' - 0" DIA. X 9' - 5" H., CYCLONE SEPARATOR.
9. GRANULATOR, RECYCLE LINE, 125 H.P.
10. SURGE BIN, SYNTRON, 600 POUNDS CAPACITY, 3' - 0" DIA. X 4' - 2-1/2" H., WITH A 1 H.P. SCREW CONVEYOR.
11. TWO SURGE BINS, SYNTRON, 400 POUNDS CAPACITY, 3' - 0" DIA. X 4' - 2-1/2" L. X 8' - 0" H., 45 H.P. TOTAL, WITH THREE DISCHARGING BELT CONVEYORS, 1 H.P. EACH.
12. THREE AIR SEPARATION TABLES, INCLINED-VIBRATING TYPE, 5' - 0" W. X 8' - 0" L. X 8' - 0" H., 45 H.P. TOTAL, WITH THREE DISCHARGING BELT CONVEYORS, 1 H.P. EACH.

FILE COPY



PERMIT TO OPERATE

9150 FLAIR DRIVE, EL MONTE, CALIFORNIA 91731

PERMIT NO.  
D43425  
A/N 246678  
Page 1

This initial permit shall be renewed by 3/16 ANNUALLY unless the equipment is moved, or changes ownership. If the billing for annual renewal fee (Rule 301.5) is not received by the expiration date, contact the District.

Legal Owner  
Or Operator:

FIRMA INCORPORATED  
9309 RAYO AVENUE  
SOUTH GATE, CA 90280  
ATTN: JAMES MEJIA

ID 54657

Equipment

located at: SAME AS ABOVE

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. CYCLONE SEPARATOR, 10' -0" DIA. X 15' -0" H., WITH A 1 1/2 HP VIBRATING WATER TABLE SEPARATOR, 3' -0" W. X 6' -0" L., A 10 HP WATER PUMP, AND A 2-HP SLUDGE REMOVAL CONVEYOR.
2. BAGHOUSE, CARBORUNDUM PCD, 12' -0" L. X 11' -0" W. X 32' -0" H., 5,184 SQ. FT. TOTAL FILTER AREA, WITH A 2 HP SCREW CONVEYOR, PULSE JET CLEANED.
3. EXHAUST SYSTEM WITH FOUR BLOWERS (THREE 20 HP AND ONE 40 HP) VENTING THREE SURGE BINS, ONE VIBRATING SCREEN, AND TWO INCLINED SEPARATORS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
3. A MECHANICAL GAUGE SHALL BE MAINTAINED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
4. DUSTS COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.

FILE COPY



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT  
21865 East Copley Drive, Diamond Bar, CA 91765

## PERMIT TO CONSTRUCT/OPERATE

Permit No.  
D93104  
A/N 305967  
Page 1

This initial permit must be renewed ANNUALLY unless the equipment is moved, or changes ownership.  
If the billing for annual renewal fee (Rule 301.D) is not received by the expiration date, contact the District.

Legal Owner  
or Operator:

FIRMA INCORPORATED  
9309 RAYO AV  
SOUTH GATE, CA 90280-3612

ID 054657

Equipment Location: 9309 RAYO AV, SOUTH GATE, CA 90280-3612

### Equipment Description:

#### AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. CYCLONE SEPARATOR, 12'-0"DIA. X 19'-0"H.
2. BAGHOUSE, RAYJET, 9'-0"W. X 21'-0"L. X 35'-0"H., WITH 230 POLYESTER FELT FILTER BAGS, EACH 0'-6"DIA. X 12'-0"L., 4333 SQ. FT. TOTAL FILTER AREA, PULSE JET CLEANING.
3. EXHAUST SYSTEM WITH A 100 H.P. BLOWER VENTING TWO GRANULATORS, ONE MAGNETIC SEPARATOR, FOUR PROCESS CYCLONES, AND A 50 H.P. BOOSTER BLOWER.

### Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
3. DUSTS COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
4. A MECHANICAL GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES OF WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.

FILE COPY

LOS ANGELES COUNTY CERTIFIED UNIFIED PROGRAM AGENCY  
ADMINISTERED BY LOS ANGELES COUNTY FIRE DEPARTMENT

**CONSOLIDATED PERMIT/LICENSE TO OPERATE**

FISCAL YEAR 2000 - 2001

ISSUED TO: MAC LEOD METALS CO  
9309 RAYO AVE  
SOUTH GATE, CA 90280

EXPIRATION DATE:  
7/9/2002

LACoCUPA NO: 001845-3

LOCATION OF BUSINESS BEING LICENSED:  
9309 RAYO AVE, SOUTH GATE, CA 90280

OWNER: AIN MACLEOD

THIS PERMIT IS ISSUED FOR THE FOLLOWING PROGRAMS:

Program Agency	Program Description
LA COUNTY FIRE DEPT	HAZARDOUS MATERIALS DISCLOSURE PROGRAM
LA COUNTY FIRE DEPT	HAZARDOUS WASTE LICENSE FEE
LA COUNTY DEPT OF PUBLIC WORKS	UNDERGROUND STORAGE TANK

This consolidated permit/license is valid for the above location only for the Fiscal Year 2000 - 2001. The permit/license is non-transferable. Void upon change in ownership of location.

**THE CONSOLIDATED PERMIT/LICENSE MUST BE POSTED  
AT THE FACILITY AT ALL TIMES.**

ISSUED BY: P. Michael Freeman  
County of Los Angeles Fire Chief

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.

EXECUTIVE OFFICER

SOUTH COAST  
AIR QUALITY MANAGEMENT DISTRICT  
CERTIFIED COPY *Raquel Ma. Puerta*

*Raquel Puerta*  
By Raquel Puerta/ps  
March 19, 1990

FILE COPY



PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE  
COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

1955 Workman Mill Road / Whittier, CA  
Mailing Address: P.O. Box 4998 / Whittier, California 90607-4998

Charles W. Carry, Chief Engineer and General Manager  
(310) 699-7411

PERMIT NO. 11121

01 CHECK ONE: New Sewer Connection ☐ Existing Sewer Connection ☒

02 Applicant Firma, Inc.

(Legal Company Name)

03 Check one and fill in appropriate information

☒ Corporation Name Firma, Inc.

Year Incorporated 1969 State of Incorporation CA ID# 95-3876436

☐ Partnership Name \_\_\_\_\_ Partners \_\_\_\_\_

☐ Sole Proprietor Name \_\_\_\_\_ Business Names \_\_\_\_\_

04 Company Address 9309 Rayo Avenue, South Gate CA 90280  
(Street) (City) (State) (Zip)

05 Mailing Address 9309 Rayo Avenue, South Gate CA 90280  
(Street) (City) (State) (Zip)

06 Point of Discharge 9309 Rayo Avenue, South Gate CA 90280

07 Number of years applicant has been in business at present location 17  
(yrs) (months)

08 Name of Property Owner Metal Management Realty

Address of Property Owner 9309 Rayo Avenue, South Gate, CA 90280 213/567-7767  
(Street) (City) (Zip) (Telephone Number)

09 Assessors Map Book No. 6222 Page No. 005 Parcel No. 025

10 Type of Industry metal recycling  
(General Description) (Federal SIC No.)

11 Number of Employees (Full Time) 50 (Part Time) \_\_\_\_\_

12 Raw Materials Used Aluminum and tin cans, and copper cables  
(General Description — Add Additional Sheets as Needed)

13 Products Produced Recycled copper choppings, and aluminum and tin cans  
(General Description — Add Additional Sheets as Needed)

14 Wastewater Producing Operations No discharge to sewer under normal operations

15 Time of Discharge see attachment Operating  
(Circle AM or PM) AM/PM to \_\_\_\_\_ AM/PM, \_\_\_\_\_ Days per Week 00000000  
(Circle Days)

16 Wastewater Flow Rate see attachment Gallons per Day see attachment Gallons per Minute  
(Average) (Peak)

17 Constituents of Wastewater Discharge Please see attachment

(General Description — Attach Chemical Analysis Results to the Application)

18 Person in company responsible for industrial wastewater discharge

Bill Lambert Plant Manager 213/567-7767  
(Name) (Position) (Telephone Number)

I affirm that all information furnished is true and correct and that the applicant will comply with the conditions stated on the back of this permit form.

Date July 31, 1992

19 Signature for Applicant William Lambert Plant Manager  
(Company Administrative Official) (Name) (Position)

20 Approved/Reviewed by City or County Official

Approved by Sanitation Districts of Los Angeles County

Date \_\_\_\_\_

Date \_\_\_\_\_

For L.A. County Dept. of Public Works... ☐

Expiration Date \_\_\_\_\_

City of \_\_\_\_\_

Charles W. Carry, Chief Engineer & General Manager

Name \_\_\_\_\_

By \_\_\_\_\_

Position \_\_\_\_\_

Position \_\_\_\_\_

Note: Please submit application first to the applicable City or County agency in which the point of discharge is located.  
Please contact the local agency for the required permit processing fee. Submit the **original application** (Do not send copies).

FORM A: APPLICANT QUESTIONNAIRE

NAME OF COMPANY Firma, Inc. CONTACT PERSON Bill Lambert  
Previous application submittal under Macleod Metals/Firma, Inc. Please see attachments/enclosures.

1. Reason for submittal - circle A, B, or C, and complete the corresponding questions.

A. New Permit (for new companies and for changes in ownership)

Type of business \_\_\_\_\_

Is the facility new or existing? \_\_\_\_\_

If existing, previous company name \_\_\_\_\_

Type of business \_\_\_\_\_, Industrial Waste Permit No. \_\_\_\_\_

Provide a description of all manufacturing processes below or in an attachment.

Provide a description of all wastewater producing operations below or in an attachment.

Are any changes being made to the facility's existing wastewater pretreatment/conveyance systems? \_\_\_\_\_ If yes, briefly explain these modifications below or in attachments.

Is there more than one company discharging industrial wastewater at your facility? \_\_\_\_\_

If yes, provide for each company its name, a separate address and a description of its operations. If feasible, each company must apply for a separate permit and must have its own incoming water meter and a separate industrial wastewater sampling point.

If your facility will involve a new connection to the public sewer, please circle the point of connection: a. Local City sewer, b. Sanitation Districts' Trunk sewer.

If you are relocating, and had a previous Industrial Wastewater Discharge Permit, give your previous address \_\_\_\_\_, and permit no. \_\_\_\_\_.

If you have received a temporary permit, give permit no. \_\_\_\_\_

All submittals for new permits **must** include a permit application, plans and pertinent supporting information.

B. Revision of Existing Permit (for a 25 percent or more change in wastewater quantity/quality)

Permit no. \_\_\_\_\_

Has your wastewater quantity and/or quality changed over 25 percent? \_\_\_\_\_ If yes, documentation addressing the magnitude and reason(s) for the change must be submitted. If no, a revision is not required at this time.

Have there been any changes in production processes, wastewater pretreatment systems or sewerage plumbing? \_\_\_\_\_ If yes, submit plans and describe these changes below or in attachments:

All submittals for a revised permit **must** include a permit application, plans (if changes have occurred) and supporting information.

C. Addendum to Permit (for modifications to the wastewater conveyance/pretreatment system)

Permit no. \_\_\_\_\_

Provide a brief summary of the existing conditions and the proposed changes below.

Submittal must include plans and supporting information.

The applicant must also answer the questions on the back of this form.

# FORM B: CALCULATION OF INDUSTRIAL WASTEWATER DISCHARGE FLOW RATE

COMPANY NAME: Firma, Inc.

Please see attachment

- Calculation of flow rate is based on: ☐ Adjusted metered water supply (Company must complete the calculations below)  
 (Check one) ☐ Direct measurement through a Districts' approved effluent  
 flow measurement system \*  
☐ Estimate for a facility not yet in operation \*\*

## ADJUSTED METERED WATER SUPPLY CALCULATIONS (Round all figures to two decimals)

### I Incoming Water

- |   | MILLION<br>GALLONS<br>PER YEAR |
|---|--------------------------------|
| 1. Metered Water Supply from Purveyor (Water Company).<br>Use most recent 12 consecutive months and attach copies of water bills. | [ ] MGY                        |
| 2. Water Supply from Company Well.<br>Attach meter or water master data for most recent 12 consecutive months.                    | [ ] MGY                        |
| 3. Water Received in Raw Materials, or by other means.<br>Explain in attachments.   | [ ] MGY                        |
| 4. Rainwater/Groundwater Discharged to the Sewerage System.<br>Explain in attachments.  | [ ] MGY                        |
| 5. Total Incoming Water.<br>(Add lines 1 to 4)  | [ ] MGY                        |

### II Water Losses

- |  |         |
|--|---------|
| 6. Wastewater Discharged to Stormwater Drainage System<br>Explain in attachments. (NPDES Permit No. _____) | [ ] MGY |
| 7. Water Lost Through Evaporation and Irrigation.<br>(add lines a + b + c + d on the back of this form)    | [ ] MGY |
| 8. Water Lost in Products.<br>Explain in attachments.  | [ ] MGY |
| 9. Sanitary Flow Deduction<br>(from line "e" on the back of this form)                                     | [ ] MGY |
| 10. Total Water Losses<br>(add lines 6 to 9)   | [ ] MGY |

### III Industrial Wastewater Discharged

- |   |                               |
|---|-------------------------------|
| 11. Calculated Industrial Wastewater Discharged to the public sewer<br>(subtract line 10 from line 5)                               | [ ] MGY                       |
| 12. Any Proposed increase (+) or decrease (-) in industrial waste-<br>water discharge to the public sewer? (explain in attachments) | Circle one<br>[ (+) (-) ] MGY |
| 13. Total proposed yearly industrial wastewater discharge<br>(add lines 11 and 12)  | [ ] MGY                       |
| 14. Average industrial wastewater flow<br>(use line 13 to calculate below)  |                               |

Million Gallons per Year	×	1,000,000	÷	Number of Discharge Days per Year	=	Gallons per Day
	×	1,000,000	÷		=	

This is the average daily flow rate that must be used on the application for industrial wastewater discharge.  
 (It may be rounded to two significant figures.)

Note: The applicant must also complete the calculations on the back of this page.

- \* If your company currently has an **approved effluent wastewater flow measurement system**, please submit effluent totalizer readings for the last twelve months. Your company does not have to complete the rest of this form.  
 \*\* The company must submit detailed information that substantiates how the flow rate was estimated.

FORM D: CHECK LIST FOR AN INDUSTRIAL WASTEWATER DISCHARGE PERMIT SUBMITTAL

COMPANY NAME: Firma, Inc.

- |    |   |            |
|----|---|------------|
| 1. | Permit Application Form   | <u>x</u>   |
| 2. | Plans (Minimum size: 11" x 17", maximum size: 30" x 42")                            |            |
|    | a. Required Plans:  |            |
|    | Sewerage Plan (location of equipment, process tanks and sewer lines)                | <u>x</u>   |
|    | Plot Plan (location of facility, sampling point and connection to the public sewer) | <u>x</u>   |
|    | Plans of Pretreatment Facilities  | <u>x</u>   |
|    | b. Additional Plans (if needed):  |            |
|    | Spill Containment System  | <u>x</u>   |
|    | Flow Monitoring System  | <u>n/a</u> |
|    | Rainwater Management  | <u>x</u>   |
|    | Combustible Gas Monitoring System   | <u>n/a</u> |
| 3. | Supporting Information:   |            |
|    | ALWAYS REQUIRED   |            |
|    | Applicant's Questionnaire (Form A)  | <u>x</u>   |
|    | Estimation of Discharge Flow Rate and Water Bills (Form B)                          | <u>x</u>   |
|    | Tank Schedule and Spill Containment Calculations (Form C)                           | <u>n/a</u> |
|    | Checklist (Form D)  | <u>n/a</u> |
|    | COMPLETE FORM A TO DETERMINE WHICH OF THESE ARE NECESSARY                           |            |
|    | Waste Minimization Plan   | <u>x</u>   |
|    | Process Description   | <u>n/a</u> |
|    | Material Safety Data Sheets   | <u>x</u>   |
|    | Wastewater Analyses   | <u>x</u>   |
|    | Baseline Monitoring Report (for EPA categorical companies)                          | <u>n/a</u> |
|    | Pump Curves   | <u>n/a</u> |
|    | Catalog Cuts of Pretreatment Equipment  | <u>n/a</u> |
|    | Baseline Credit Information   | <u>n/a</u> |
|    | Equipment Costs   | <u>n/a</u> |
|    | Notification Report of the Discharge of Hazardous Wastes (if applicable)            | <u>n/a</u> |

**CPI**  
**Environmental Services, Inc.**

---

799 Roosevelt Rd., Bldg 6, Ste. 110 - Glen Ellyn, Illinois 60137  
phone: 630/469-6340 — fax: 630/469-6470

February 19, 2002

Ms. Chingli Lin  
Air Quality Engineer  
Permit Inventory Reduction Program  
South Coast Air Quality Management District  
21865 East Copley Drive  
Diamond Bar, CA 91765-4182

Subject: Revised Application Permit to Construct (319219&319220)  
Macleod Metals, Inc.  
Post Consumer Ferrous Container Processing Plant  
9309 Rayo Avenue  
South Gate, CA 90280

Dear Ms. Lin:

In response to your letter dated January 22, 2002, CPI Environmental Services, Inc. has prepared this letter incorporating the revisions to the Permit Application for the Macleod Metals, Inc., Post Consumer Ferrous Container Processing Plant. This submittal includes a brief description of the post consumer ferrous container processing plant operation, equipment specifications, and emission calculations. In addition, Form 400-E-1 and revised Form 400-E-9 for the baghouse (AN319219) and the furnace (AN319220) are included as an attachment.

Macleod Metals, Inc. purchases post consumer cans from municipalities, scrap dealer and container manufacturer and processes the aluminum and steel cans in the post consumer ferrous container processing plant at the facility. Aluminum and steel cans are placed on a conveyor that will regulate introduction of the raw material into the processing furnace. Once the labels are removed, the cans are moved through product outlet. Gases and particulate matter go through a closed system cyclone equipped with a re-circulation fan, an afterburner, and a baghouse prior to release to the atmosphere. A process flow diagram is included as an attachment. The post consumer ferrous container processing plant consist of the following components:

**Rotary Furnace**

The natural gas rotary furnace is equipped with two small burners, two 1-inch pipes that extend approximately 40 inches into discharge end of the furnace, manually controlled flame without blower.

Manufacturer: Homemade

Maximum heat input rate: 50,000 Btu

Size and capacity: 20 feet long, 4.3 feet diameter, 295 cubic feet capacity

Operating Temperature: 400 degrees Fahrenheit

Maximum Temperature: 600 degrees Fahrenheit

**Cyclone**

The cyclone is equipped with a 40-horse power re-circulation fan

Manufacturer: Homemade

*PM<sub>10</sub> Calculations:*

$(2496 \text{ tons/yr}) \times (14.5 \text{ lb of particulate matter/ton of metal}) \times (1 \text{ ton}/2000\text{lb}) = 18.1 \text{ tons/yr}$   
 $(18.1 \text{ tons/yr}) \times (99\% \text{ control efficiency}) = 0.18 \text{ tons/yr}$   
 $(0.18 \text{ tons/yr}) \times (2000 \text{ lb/hr}) \times (1 \text{ day}/8 \text{ hrs}) \times (1 \text{ week}/6 \text{ days}) \times (1 \text{ yr}/52 \text{ weeks}) = 0.145 \text{ lbs/hr}$

**Emissions From Furnace**

*NOx Calculations:*

Emission Factor = 130 lb/10<sup>6</sup> scf (source: Default Emission Factors for External Combustion Equipment, AQMD 1999-2000, Appendix A, Table 1)  
Natural gas consumption= 19,700 scf / 8-hr (source: Macleod Metals, Inc.)  
 $(19700 \text{ scf} / 8\text{-hr}) \times (130 \text{ lb}/10^6 \text{ scf}) = 0.32 \text{ lb/hr}$

*COx Calculations:*

Emission Factor = 35 lb/10<sup>6</sup> scf (source: Default Emission Factors for External Combustion Equipment, AQMD 1999-2000, Appendix A, Table 1)  
Natural gas consumption= 19,700 scf / 8-hr (source: Macleod Metals, Inc.)  
 $(19700 \text{ scf} / 8\text{-hr}) \times (35 \text{ lb}/10^6 \text{ scf}) = 0.086 \text{ lb/hr}$

*PM<sub>10</sub> Calculations:*

Emission Factor = 7.5 lb/10<sup>6</sup> scf (source: Default Emission Factors for External Combustion Equipment, AQMD 1999-2000, Appendix A, Table 1)  
Natural gas consumption= 19,700 scf / 8-hr (source: Macleod Metals, Inc.)  
 $(19700 \text{ scf} / 8\text{-hr}) \times (7.5 \text{ lb}/10^6 \text{ scf}) = 0.0185 \text{ lb/hr}$

To maintain compliance with the following Allowable Emission Limits (Rule 1303, Appendix A, Table A-1), the natural gas consumption for the Post Consumer Ferrous Container Construction Plant will be limited to 19,700 scf / 8-hr (2.58MBtu/hour):

Heat Input Capacity (MBtu/hr)	NOx (lbs/hr)	COx (lbs/hr)	PM <sub>10</sub> (lbs/hr)
>2MBtu/hr<5MBtu/hr	0.31	17.1	1.9

In addition, Macleod Metals, Inc. will document natural gas usage for the Post Consumer Ferrous Container Construction Plant on a daily basis to demonstrate compliance with the natural gas usage limitation.

Thank you for your patience and cooperation in processing this application. If you have questions or need additional information, please feel free to contact me at (630) 469-6340, ext. 103.

Sincerely,

CPI Environmental Services, Inc.



Nahid A. Brown, P.G.  
Senior Project Manager

Attachments

c: Bill Lambert, Macleod Metals, Inc.

---

CPI Environmental Services, Inc.

02-18-02 18:04 FROM-CPI Environmental

6304696470

T-605 P06/10 U-259

6. Type of Controls (check all that apply):

- a. ☐ Low NOx Burner  
b. ☒ Flue Gas Recirculation  
c. ☐ Selective Catalytic Reduction (SCR)<sup>1</sup>  
d. ☐ CO Catalyst  
e. ☐ Oxygen Trim  
f. ☐ Thermal DeNOx (Non-Selective Catalytic Reduction, NSCR)<sup>1</sup>  
g. ☐ Other (specify): \_\_\_\_\_

<sup>1</sup> A separate permit is required, please see Form 400-E-GI for instructions.

## Section II.B - Dryer Information (Complete only if equipment type is a dryer)

## 7. Dryer Type:

- a. ☐ Centrifugal  
b. ☐ Chlp  
c. ☐ Fluidized Bed  
d. ☐ Rotary  
e. ☐ Spray  
f. ☐ Other: \_\_\_\_\_

## Section II.C - Furnace Information (Complete only if equipment type is a furnace)

## 8. Furnace Type:

- a. ☐ Annealing  
b. ☐ Burnoff  
c. ☐ Calcining  
d. ☐ Crucible  
e. ☐ Cupola  
f. ☐ Diffusion  
g. ☐ Electric  
h. ☐ Forge  
i. ☐ Holding  
j. ☐ Heat Treating  
k. ☐ Melting  
l. ☐ Reveratory  
m. ☐ Pot  
n. ☒ Rotary  
o. ☐ Sweating  
p. ☐ Oxide Growth

9. For burnoff furnace, is there an integral afterburner connected? ☐ No ☐ Yes

If yes, specify afterburner rating with units: \_\_\_\_\_ Fuel: \_\_\_\_\_

## 10. Metal Melting Process Rates:

- a. Demagging: \_\_\_\_\_ lbs/hr  
b. Degassing: \_\_\_\_\_ lbs/hr  
c. Chlorination: \_\_\_\_\_ lbs/hr

## Section II.D - Oven Information (Complete only if equipment is an oven)

## 11. Oven Type:

- a. ☐ Bakery  
b. ☐ Baking  
c. ☐ Curing  
d. ☐ Drying  
e. ☐ Fluidized Bed  
f. ☐ Stripping  
g. ☐ Solder Reflow  
h. ☐ Roasting (specify type): \_\_\_\_\_

12. Method of Heating: a. ☐ Direct Fired b. ☐ Indirect Fired (specify): \_\_\_\_\_

## 13. Bakery Ovens: Yeast Percentage: \_\_\_\_\_ %; Fermentation Time: \_\_\_\_\_ hours

## 14. Types of coatings/inks applied to articles dried (Attach Material Safety Data Sheets):

- a. Enamel: \_\_\_\_\_ gals/day  
b. Lacquer: \_\_\_\_\_ gals/day  
c. Powder: \_\_\_\_\_ lbs/day  
d. Other: \_\_\_\_\_ gals/day

Coating/Printing Equipment Permit or Device #: \_\_\_\_\_

## Section III - Operation Information (Complete all items)

1. Provide emissions information with data to substantiate, if available.  
2. Operating Temperature (N/A to Boilers and Heaters): Normal: 400°F Maximum: 600°F  
3. Average Load: \_\_\_\_\_ % or Average Firing Rate: 2.52 MM Btu/hr  
4. List all materials, metals, alloys, or feedstock which are processed, burned, or dried in equipment:  
Material, Metal, Alloy, or Feedstock Weight or Volume Process (PR), Pull (PL), or Charge (C) Rate  
(e.g., aluminum, glass, dough) (%) Specify rate type (lbs/hr)  
Aluminum and Steel Cans 2000 lbs/hr

5. Operating Schedule: weeks/year 52 days/week 5  
Max. Hrs. 8 Average Hrs. 8

## Section IV - Applicant Certification Statement

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.

SIGNATURE OF RESPONSIBLE OFFICIAL OF FIRM: William A. Lambert

TITLE OF RESPONSIBLE OFFICIAL OF FIRM:

TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL OF FIRM:

RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER

DATE SIGNED:

BILL LAMBERT

(323) 567-7767

02/18/02

I HEREBY CERTIFY THAT ALL INFORMATION CONTAINED HEREIN AND INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT.

SIGNATURE OF PREPARER: William A. Lambert

TITLE OF PREPARER:

TYPE OR PRINT NAME OF PREPARER:

PREPARER'S TELEPHONE NUMBER

DATE SIGNED:

CPI ENVIRONMENTAL SERVICES, INC.

(630) 469-6340

02/18/02

## Section V - Title V Information: Fill out if AQMD has identified your facility as a Title V facility

The requested application involves a(n): (check all that apply)

- a. ☐ Minor Permit Revision  
b. ☐ Group Processing (check only if applicable)  
c. ☐ Definitive Significant Permit Revision  
d. ☐ Significant Permit Revision  
e. ☐ Non-Title V Permit Processing (Available until initial Title V permit is issued)  
f. ☐ Permit Shield (complete Form 500-D)  
g. ☐ Streamlined Permit Conditions  
h. ☐ Alternative Operating Scenario (AOS)  
i. ☐ Other (specify): \_\_\_\_\_

JPS Glass

A JPS Industries, Inc. Company - PO Box 242 - Slater SC 29683 - 864-836-8011

TEST REPORT

DATE: 16-Oct-01

MATERIAL IDENTIFICATION: STYLE: 417/9892 TRITEMP MSDS 116

TEST DATA:	AVG. OF (5)	STYLE STANDARD
BREAKING STRENGTH (LBS /IN. WIDTH)		
WARP	372	240 MIN.
FILLING	339	220 MIN.
THICKNESS (INCH)	0.0094	.0090 +/- 10%
OZ./SQ. YD.	8.47	8.27 - 8.82
COUNT	54 X 51	54 X 52 +/- 2
MULLEN BURST	745	500 MIN
PERMEABILITY (CU. FT./MIN. SQ. FT.)	10.4	8 - 20
IGNITION LOSS (%)	2.87	1.7 MIN.

*EFFICIENCY - 99%*



## M A T E R I A L   S A F E T Y   D A T A   S H E E T

TECHNICAL COATINGS COMPANY  
 NORTH & 25TH AVENUES  
 MELROSE PARK, IL 60160

INFORMATION TELEPHONE NO.: 708-343-1000  
 EMERGENCY TELEPHONE NO.: 708-343-1000  
 FAX TELEPHONE NO.: 708/343-1001

PRINTED: 02/13/01    PREPARED: 02/16/00    REPLACES MSDS DATED: 08/20/96    PREPARER: JB

## SECTION I - PRODUCT IDENTIFICATION

OLEORESINOUS ENAMEL  
 OLEORESINOUS ENAMEL - PAINT UN1263  
 15410A

## SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. PERCENT	(TLV-TWA)	OCCUPATIONAL EXPOSURE LIMITS		(PEL)	VAPOR PRESSURE mmHg 20C	KNOWN OR SUSPECTED CARCINOGEN	AC 13
				(TLV-STEL)	(PEL)				
ACETIC ETHYL KETOXIME	96-29-7	0.1%	NO INFO	NO INFO	NO INFO		2.0	YES	40
TRIMETHYL BENZENE - MIXED ISOMERS	25551-13-7	5%	25 PPM	NO INFO	NO INFO		0.0	NO	40
LIGHT ALIPHATIC NAPHTHA	64742-89-8	16%	300 PPM	400 PPM			25.0	NO	40
LIGHT AROMATIC SOLVENT NAPHTHA	64742-95-6	11%	NO INFO	NO INFO			4.0	NO	40

THIS PRODUCT CONTAINS ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION  
 313 OF THE EMERGENCY PLANNING AND THE COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 372.

N.A. - NOT APPLICABLE

## SECTION III - PHYSICAL DATA

BOILING RANGE : 136-393 F    VAPOR DENSITY : IS HEAVIER THAN AIR  
 ODOR : CHARACTERISTIC    EVAPORATION RATE: IS SLOWER THAN ETHANOL  
 APPEARANCE :  
 VOLATILE BY WEIGHT: 33.0%    SOLUBILITY : NOT APPLICABLE  
 VOLATILE BY VOLUME: 37.8%    PRODUCT DENSITY : 7.8 LBS./GAL. (0.29 g/cc)

15410A - 02/16/00

PAGE 3

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: AVOID BREATHING VAPOR. REMOVE ALL SOURCES OF IGNITION (FLAMES/HOT SURFACES/ELECTRICAL, STATIC OR FRICTIONAL SPARKS). ENSURE ADEQUATE VENTILATION. SHUT OFF LEAK IF IT CAN BE DONE SAFELY. USE SAND OR EARTH DIKES TO CONTAIN THE SPILL. SPREAD INERT ABSORBENT ON SPILL AREA AND REMOVE TO A METAL CONTAINER USING NON-SPARKING TOOLS. SEAL CONTAINER USING NON-SPARKING TOOLS.

WASTE DISPOSAL METHOD: DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: N.I.O.S.H./O.S.H.A. APPROVED RESPIRATOR REQUIRED IF AIRBORNE LEVELS EXCEED LIMITS LISTED IN SECTION II.

VENTILATION: SUFFICIENT VENTILATION, IN VOLUME AND PATTERN, SHOULD BE PROVIDED TO KEEP TLV OF MATERIALS LISTED IN SECTION II BELOW ACCEPTABLE LIMITS AND L.E.L. IN SECTION IV BELOW STATED LIMIT.

PROTECTIVE GLOVES: GLOVES REQUIRED FOR PROLONGED OR REPEATED CONTACT.

EYE PROTECTION: USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUID.

OTHER PROTECTIVE EQUIPMENT: CONVENIENT EGRESS TO EYE BATH AND SAFETY SHOWER RECOMMENDED.

HYGENIC PRACTICES:

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: AVOID PROLONGED OR REPEATED CONTACT WITH SKIN OR BREATHING OF VAPORS. STORE IN A COOL DRY AREA WITH VENTILATION SUITABLE FOR MATERIALS LISTED IN SECTION II.

OTHER PRECAUTIONS:

SECTION X - HMIS RATINGS

HEALTH: 2      FLAMMABILITY: 2      REACTIVITY: 1      PERSONAL PROTECTION: E

THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

# M A T E R I A L   S A F E T Y   D A T A   S H E E T

TECHNICAL COATINGS CO.  
1000 WALSH AVE.  
SANTA CLARA, CA 95050

INFORMATION TELEPHONE NO.: 408-727-3400  
EMERGENCY TELEPHONE NO.: 800-424-9300  
FAX TELEPHONE NO.: 408-727-0720

PRINTED: 09/22/93      PREPARED: 09/22/93      NEW MSDS      PREPARER: VLP

## SECTION I - PRODUCT IDENTIFICATION

EPOXY ENAMEL  
SOLVENT EPOXYPHENOLIC  
14930E

## SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NUMBER	WT. PERCENT (TLV-TWA)	OCCUPATIONAL EXPOSURE LIMITS			VAPOR PRESSURE mmHg 20C	KNOWN OR SUSPECTED CARCINOGEN	SEC 313
			(TLV-TWA)	(TLV-STEL)	(PEL)			
N-BUTYL ALCOHOL	71-36-3	9%	30 PPM	50 PPM	100 PPM	4.4	NO	YES
2-BUTOXY ETHANOL/ETHYLENE GLYCOL BUTYL E	111-76-2	17%	25 PPM	75 PPM	50 PPM	0.9	NO	YES
LIGHT AROMATIC SOLVENT NAPHTHA	64742-95-6	19%	25 PPM	NO INFO		4.0	NO	NO
DIMETHYL BENZENE	1330-24-7	3%	100 PPM	150 PPM		9.7	NO	YES
ETHYL 3-ETHOXYPROPIONATE	763-69-9	8%	NO INFO	NO INFO	NO INFO	1.5	NO	NO
TRIMETHYL BENZENE - MIXED ISOMERS	25551-13-7	6%	25 PPM	NO INFO	NO INFO	0.0	NO	YES
2-PHENYL PROPANE	98-82-8	1%	50 PPM	NO INFO	50 PPM	9.6	NO	YES
METHYL ALDEHYDE (FORMALDEHYDE)	50-00-0	0.1%	1 PPM	NO INFO	1 PPM	1.3	YES	YES

THIS PRODUCT CONTAINS ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND THE COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 372.

N.A. - NOT APPLICABLE

## SECTION III - PHYSICAL DATA

BOTTLING RANGE : 214-343 F	VAPOR DENSITY : IS HEAVIER THAN AIR
ODOR : CHARACTERISTIC	EVAPORATION RATE: IS SLOWER THAN ETHER
APPEARANCE :	
VOLATILE BY WEIGHT: 65.8%	SOLUBILITY : NOT APPLICABLE
VOLATILE BY VOLUME: 72.4%	PRODUCT DENSITY : 8.0 LBS./GAL. (U.S.)

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: AVOID BREATHING VAPOR. REMOVE ALL SOURCES OF IGNITION (FLAMES/HOT SURFACES/ELECTRICAL, STATIC OR FRICTIONAL SPARKS). ENSURE ADEQUATE VENTILATION. SHUT OFF LEAK IF IT CAN BE DONE SAFELY. USE SAND OR EARTH DIKES TO CONTAIN THE SPILL. SPREAD INERT ABSORBENT ON SPILL AREA AND REMOVE TO A METAL CONTAINER USING NON-SPARKING TOOLS. SEAL CONTAINER USING NON-SPARKING TOOLS.

WASTE DISPOSAL METHOD: DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

## SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: N.I.O.S./H.C.S.H.A. APPROVED RESPIRATOR SUITABLE FOR MATERIALS LISTED IN SECTION II RECOMMENDED.

VENTILATION: SUFFICIENT VENTILATION, IN VOLUME AND PATTERN, SHOULD BE PROVIDED TO KEEP TLV OF MATERIALS LISTED IN SECTION II BELOW ACCEPTABLE LIMITS AND L.E.L. IN SECTION IV BELOW STATED LIMIT.

PROTECTIVE GLOVES: GLOVES REQUIRED FOR PROLONGED OR REPEATED CONTACT.

EYE PROTECTION: USE SAFETY EYEWEAR DESIGNED TO PROTECT AGAINST SPLASH OF LIQUID.

OTHER PROTECTIVE EQUIPMENT: CLOTHING ADEQUATE TO PROTECT SKIN REQUIRED. CONVENIENT EGRESS TO EYE BATH AND SAFETY SHOWER RECOMMENDED.

HYGIENIC PRACTICES: WASH HANDS BEFORE EATING OR SMOKING. SMOKE ONLY IN DESIGNATED AREAS.

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: AVOID PROLONGED OR REPEATED CONTACT WITH SKIN OR BREATHING OF VAPORS. STORE IN A COOL DRY AREA WITH VENTILATION SUITABLE FOR MATERIALS LISTED IN SECTION II.

OTHER PRECAUTIONS:

## SECTION X - RMS RATINGS

HEALTH: C      FLAMMABILITY: 2      REACTIVITY: 0      PERSONAL PROTECTION: 0

THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

**PPG****MATERIAL SAFETY DATA SHEET**

This information is proprietary and furnished solely for the use of our customers.

===== **Section I** =====

Manufacturer: PPG Industries, Inc.  
PPG Packaging Coatings  
500 TechnoCenter Drive  
Milford, Ohio 45150

Emergency Telephone Numbers:  
(304) 843-1300 (In U.S.)  
91-800-00-214 (In Mexico)

Trade Name: H56 Aluminum Enamel

Date: December 1, 1997  
Supersedes Date: August 11, 1997  
Prepared By: Patricia L. Rusbel  
Phone: 513-575-3178

Chemical Family: Modified Phenolic

===== **Section II - Hazardous Ingredients** =====

Ingredient	Wt. %	CAS #	OSHA PEL		ACGIH TLV	
			TWA	STEL	TWA	STEL
§ Xylene; Xylol	23	1330-20-7	100	150	100	150
§ n-Butyl Alcohol; 1-Butanol	22	71-36-3	—	50CS	50CS	—
Light Aromatic Naphtha; Aromatic 100	13	84742-95-6	100	150	100	150
§ 1,2,4-Trimethylbenzene	6	95-63-6	25	—	25	—
3,5,5-Trimethyl-2-cyclohexene-1-one; Isophorone	2	78-59-1	4	—	5C	—
§ Formaldehyde (<0.08%)		50-00-0	0.75	2	—	0.3

Xylene "naturally" contains 19% ethyl benzene (CAS # 100-41-4) which is also a Title III (§) reportable item. PEL's are respectively 100-125 and TLV's 100-125.

§ Denotes chemical listed under SARA Title III - Section 313

C = Ceiling Limit S = Skin Absorption PEL and TLV values listed are in PPM

===== **Section III - Physical Data** =====

Boiling Point (°F)	(Range)	243-425
Vapor Pressure (mm Hg @ 68°F)	(Range)	0.8-6.6
Vapor Density (air = 1.0)	(Range)	2.6-4.8
Evaporation Rate (BuAc = 1.0)	(Range)	0.03-0.8
Specific Gravity (water = 1.0)		0.954

Appearance And Odor: Gray liquid; hydrocarbon, alcohol

===== **Section IV-Fire And Explosion Hazard Data** =====

Flash Point °F = 85  
(method used) = P-M Closed Cup

LEL (volume %) = 0.5

Extinguishing media: Use carbon dioxide, dry chemical,  
or alcohol foam.

Special Fire Fighting Procedures: Use water spray to keep containers cool.

Unusual Fire & Explosion Hazards: Exposure of containers to excessive heat  
may cause disruptive pressure.

**PPG****MATERIAL SAFETY DATA SHEET**

H56 Aluminum Enamel

===== **Section X - Regulatory Information** =====California Proposition 65

California Proposition 65 requires that warnings be given regarding exposures to chemicals listed by that state as being known to cause cancer, birth defects, or other reproductive harm. This product does contain a listed substance.

Toxic Substances Control Act (TSCA)

This product is a mixture and all ingredients are listed on the TSCA inventory.

===== **Addendum for Section V - Specific Health Effects** =====Xylene (1330-20-7)

Aspiration may result in chemical pneumonitis, pulmonary edema, and hemorrhage. Ingestion and skin absorption may lead to CNS depression. Symptoms may include nausea, dizziness, and blurred vision. The chronic effects of overexposure to xylene include possible liver damage and kidney damage. Xylene was found teratogenic and embryotoxic to mice by the oral route and these effects were accompanied by maternal toxicity.

Ethyl Benzene (100-41-4)

Extremely irritating to the eyes, skin and upper respiratory tract. Prolonged contact with the skin will cause edema and blistering. Eye contact may result in conjunctivitis and possible corneal damage. It is absorbed through the skin at a low rate. Vapors are readily absorbed through the lungs. Inhalation of vapors causes drowsiness, narcosis, headaches, cramps, and tightness of the chest. Severe overexposure can cause death due to respiratory center paralysis. If aspiration occurs, chemical pneumonitis or pulmonary edema may result. Ingestion may result in kidney or liver damage. Chronic overexposure to ethyl benzene may cause liver and kidney injury, and may be embryotoxic.

n-Butyl Alcohol (71-36-3)

Ingestion may result in narcosis and possible damage to the liver. Overexposure to the butanol vapors may cause drowsiness, headache, nausea, dizziness, anemia, and sensitivity to light. Overexposure could result in hearing disorders. n-Butyl Alcohol is skin absorbed.

Light Aromatic Naphtha (64742-95-6)

Contact with the eyes and skin may result in irritation. Prolonged skin contact may cause defatting and dermatitis. Overexposure to vapors may cause CNS effects, including headache, dizziness, drowsiness and confusion. Ingestion causes nausea, vomiting, blurred vision and CNS disorders. Aspiration of the liquid into the lungs may result in chemical pneumonitis.

1,2,4-Trimethylbenzene (95-63-8)

Inhalation of vapors may result in headache, fatigue, and depression. Prolonged overexposure may result in nervousness, tension, anxiety, and thrombocytopenia.

3,5,5-Trimethyl-2-cyclohexan-1-one (78-59-1)

Isophorone is severely irritating to the eyes. Burns and permanent injury may result. Inhalation overexposures may cause nausea, headache, dizziness, faintness, narcosis, and suffocation. Lower levels can cause fatigue and malaise. Repeated exposures cause kidney damage.

# NAHID A. BROWN

## SENIOR PROJECT MANAGER

### *Areas of Expertise*

- Soil/Groundwater Investigation and Remediation
- Underground Storage Tank Management
- Environmental Site Assessment
- SRP and LUST Program
- Hydrogeologic Evaluation
- Agency Negotiations

### EDUCATION

BS 1982 Geology, University of Illinois at Chicago

MS 1991 Earth Sciences, Northeastern Illinois University

### PROJECT EXPERIENCE

Ms. Brown has more than twelve years of technical experience and offers specialized expertise in the investigation, design and implementation of multi-disciplinary environmental projects. Ms. Brown has led technical and professional staff on numerous Phase I Environmental Site Assessment, Phase II Subsurface Investigation, and Phase III Remedial Action projects. She has designed and implemented geologic and

hydrogeologic investigations, remedial activities, and air monitoring programs. She has completed and managed projects requiring attention to regulatory detail, knowledge of new as well as traditional remedial technologies, engineering knowledge, communication skills, and general project organizational proficiency. Selected examples of experience include:

#### *Leaking Underground Storage Tank (LUST) Program*

Managed more than a hundred retail service stations in Illinois and Indiana. Prepared and reviewed documents (*i.e.*, 45-Day Report, Site Classification Work Plan, Site Classification Completion Report, Corrective Action Plan, Corrective Action Completion Report) required under Title 35 IAC 731 and 732. Coordinated the field activities associated with the UST/AST removal and upgrade activities. Evaluated soil and groundwater conditions according to Title 35 IAC 742. Interfaced with the regulatory agencies regarding compliance and site closure. Prepared approximately twenty reimbursement packages for sites managed under the leaking underground storage tank program.

#### *Site Remediation Program (SRP)*

Completed projects managed under Site Remediation Program in Illinois. Prepared and reviewed documents (*i.e.*, Comprehensive Site Investigation Report, Remedial Action Plan, and Remedial Action Completion Report) required under Title 35 IAC 740.

Prepared and implemented subsurface investigation and remedial action work plans for former manufactured gas plants.

Managed real estate transaction projects for property developers in various states. Reviewed historical information and prepared applicable scope of work for Phase II subsurface investigation activities. Evaluated soil and groundwater conditions in relation to applicable regulatory requirements. Provided recommendations for future remedial approach and estimated cost.

Reviewed historical file information, completed site inspections, and prepared Phase I environmental site assessment reports for commercial and industrial facilities.

### **CERCLA/RCRA**

Managed responsible party Superfund remedial investigation, reporting, and negotiations with USEPA and MDEQ for a former waste-solvent distillation and incineration facility in Michigan.

Negotiated with IEPA for withdrawal of RCRA investigation requirement for a major ink manufacturing facility in Illinois.

Managed RCRA removal action, including sampling and reporting to the USEPA, for a site involving more than 120 drums and contaminated soil at an abandoned TSD facility in Kansas.

### **UST Management**

Managed leaking petroleum UST site closures for multiple industrial/commercial clients and municipalities in Illinois and Wisconsin for over 12 years.

Managed removal, remediation, and regulatory reporting of leaking petroleum USTs for a major tire manufacturer at approximately 50 retail automotive service centers throughout the country. Applied risk-based and remedial methods to achieving site closures. Negotiated with various state agencies. Coordinated support efforts from multiple offices.

Conducted multi-facility chemical UST closures involving risk-based methods, natural attenuation, and remedial actions for a major ink manufacturer at sites in four Midwestern states.

Performed evaluation of potential cost recovery of UST reimbursement claims for several hundred domestic sites in preparation for sale of a large petroleum retailer.

### **PROFESSIONAL AFFILIATIONS**

National Ground Water Association  
American Association of Petroleum Geologists

### **CERTIFICATIONS**

Register Professional Geologist, IL, MO, IN and WI  
ASTM Risk-Based Corrective Action (RBCA) Certification  
Certified UST Decommissioner, IL and IN

### **EMPLOYMENT HISTORY**

2001-Present	Continental Placer Inc.
1989-2001	Environmental Resources Management, Inc. (ERM)
1981-1989	Exxon Company, USA



# MICHAEL B. PLACE, C.P.G.

PRESIDENT, SENIOR HYDROGEOLOGIST

## *Areas of Expertise*

- Environmental Site Assessments and Compliance Audits
- Soil and Groundwater Remediation
- Hydrogeologic Systems Analysis
- Agency Negotiations

## EDUCATION

MBA 1996 University of Northern Illinois  
BS 1984 Engineering Geology,  
University of Kansas

## PROJECT EXPERIENCE

Mr. Place has more than nineteen years experience in operations management, business development, and staff development. Selected examples of experience include:

### *Environmental Site Assessments (ESAs) and Compliance Audits*

Managed ESAs and environmental compliance audits for more than 120 scrap metal facility acquisitions across the United States. Project tasks included a comprehensive review of facility operations, historical property use, hazardous materials management, underground storage tanks, waste management practices, environmental regulation compliance, and applicable permitting. Reports presented to the client included recommendations for addressing environmental concerns and non-compliant items.

Managed ESA of a former integrated steel plant in northeastern Illinois. Project tasks included a comprehensive review of the former facility operations, historic environmental concerns, identification of potential contaminants, and a comprehensive soil and groundwater sampling and analyses program. Soil analyses identified the presence of PCBs exceeding TSCA thresholds and resulted in a detailed delineation of the horizontal and vertical extent of impact. Property proceeded with corrective action under the Illinois Site Remediation Program and gained closure after removal of approximately 15,000 cubic yards of soil.

Managed ESAs and environmental compliance audits for four chemical bulk-storage facilities in Illinois, Missouri, and Tennessee. Project tasks included comprehensive review of the facilities' operations, historical property use, hazardous materials management, waste management practices, environmental regulation compliance, and applicable permitting. Initial studies recommended soil and groundwater sampling and analysis, resulting in a revision of the purchase price based on projected remediation costs. Subsequent feasibility study for site-wide soil and groundwater remediation was conducted. Audit functions reviewed current storage practices and RCRA regulations compliance regarding management of waste streams.

Managed ESA for large stone/aggregate company in Illinois. Project responsibilities included generating Phase II sampling costs for 45 properties, which included 12 redi-mix plants, 7 quarries and 3 landfills. Remediation costs were developed and used during negotiations between client and prospective buyer.